'LUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE ISMOS) LEMOURE CALIFORNIATUI NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 AD A150 439 f/G 4/2 ш DMCLASSIFIED



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Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

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This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

<u>DESCRIPTION</u>: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "O". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

STATION N	O ON SUMMARY	STATION NAME	•	LATITUDE	1	ONGITUDE	STATION ELEV (FT)	CALL SIGN	AWC ANI	ABE A
2313	LO	Lemoore, California	•	36°	'20 ' N	119°57'W	237	KNLC	747	702
		STATION LOCATI	ON A	AND IN	STRU	MENTA	TION HI	STOR	Y	· · · · · · · · · · · · · · · · · · ·
NUMBER OF SARQ		GEOGRAPHICAL LOCATION & NAME	TYPE	AT THIS LOCA	TION	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		DOS PER
LOCATION		SEGUNATION & SAME	STATION	FROM	10	LATTIOUE	CONGITUDE	FEET	TYPE BAROMETER	DAY
1.		Service Office	Navy	1961 ;	1966	36°20' N	119°57'W	237	Mercuria]	24
2.	Replace	ment installed	."	1966	1975	"	**	"		"
3.	Removed	1975	"	-	-	-	-	. -	-	_
la.	Weather	Service Office	"	1961		36°20'N	119°57 ' W	240	Aneroid	24
NUMBER OF	DATE OF	SURFACE WIND E	QUIPMENT INFO		+					
LOCATION	CHANGE	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDIT	IONAL EQUIPMENT,	OR REASON FOR CHA	NGE
1.	1961	500' west of midpoint, rur 32L/14R	uway	an/umq-5	RD-10		1. Barograph 2. Auto met. 3. Cloud hei 4. Theodolit 5. Transmiss 6. Wind meas 7. CC TV Bri 8. Thermoscr	station ght set e (ML 474 ometer (F uring set efing Sys	(AN/GMQ-2 (AN/GMQ-13 !) W/GMQ-100 : (AN/PMQ- stem	C))

NOCD Federal Building Asheville, N. C. NOCD, Federal Building Asheville, N. C.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949.

Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Prequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

YEARS

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STATION NAME

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MONTH

PROCESTAGE OF DIVE THE ADMITCUS ATMOSPHERIC PHEMOMENT FROM CALLY COSEPVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
.) *	4.78	•	75.7		. 7	•	76.3	76.0	59.9	• ?		5-01	• •
(,		• 4	-2.1		• 1	• 2	-2.1	51.6	59.1			7 (, 9	÷.
•,			23.3			1.1	23.3	24.4	3			37.6	;**
		•	19.4			• •	19.4	8.5	7.6		• •	11.5	*, a *
		• 1	.,,			• .	. <u>.</u> 5	• 2	4.4			6.	· ·
		• *	4.			 	4 .	• 4	₹ • 4			3.6	4
J (<u> </u>	,,	′• i				7.1	. 3	4.2			2	, 14
			, . 4				ં . ધ	• 2	4				* K 3
	<u> </u>	. i	7.1			.2	#: • 1	3.1	1 • '	<u> </u>	• 2	17.5	371
		•	11.7				11.0	12.7	46.4		ء د	4 7	4.6
14		e ta	76.3				73	F 1.5	£6.5			77.2	5
o r			" 3. 3	. 2	• 3	a:	73.3	77.7	61.7		• 3	H6.1	ç . p
TOTALS			17.4	•	• 1	. 3	17.4	20.5	30.5	• 0	• 1	3#.	6743

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STATION	

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAH	<u>01</u>		7.4				7.4	£4.2	16.8			24.5	<u> </u>
· 	04	.3	13.6				13.5	56.8	13.5			64.8	710
	07		11.3				11.3	62.6	14.2			52.4	*1*
	10		9.4				9.4	57.1	71.0			59.7	<u> 71 - </u>
	17		5.5				5.5	25.4	36.1		 	61.3	- 11
	15		5 - 5				5.5		44.8		• ?	55.7	- 25
	17		5.5				5.5	24.4	36.5		L	56.5	•1
	22		7.7				7.7	43.2	27.1			54.4	210
											 		
TCTALS		.0	7.9				7.9	44.2	26.6			63.0	2480

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WEATHER CONDITIONS

STATION NAME

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PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BŁOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
TET		ļ	7 . 19			_	7.4	29.4	ldes			41.5	2.
	34		5.4				5.4	74.7	16.			47.3	70.3
	J.*		3.0				3.5	56.4	14.5		,4	61.0	255
	10		6.7				5.7	34.4	20.4		• 4	55.	282
	1:		7.3				7.8	13	47.3		• 7	40.6	78.2
	1:-		7.1				7.1	4.3	39.7		. 4	43.3	222
	10		7.1				7.1	9.2	33.3			39.7	252
	2.3		6.7				5.7	19.1	24.5			39.7	257
					-								
TOTALS			7.2				7.2	25.2	27.1		2	97.1	2256

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WEATHER CONDITIONS

YEARS

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DEPCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NAME

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
4 A ;	11		4.2				4.2	4.8	5.5				71
	1] 4		5 • E				5.0	1:.2	5 <u>.</u> 5			16 • -	7.
	17		7.7				7.7	29.7	10.6			35.5	31.
	10		4.5				4,5	7.4	19.4		• 3	24.1	71
	1 ?		7.1				7.1	1 . 3	16.5		1.3	1	•:
	15	. 3	9.1				3.1	3	12.3		13	14.2	7 1
	17		7.1				7.1	1.0	× • 7			5.1	* 1
	2.5	. 3	3.1				P • 1	1.0	4.0			5.5	-1
			••••						· - .				
													· · · · · · · · · · · · · · · · · · ·
TOTALS		-1	5.7				6.7	7.4	16.5		.3	15.7	2467

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WEATHER CONDITIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER

CONDITIONS FROM HOURLY ORSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
12.7	- ::		3.			 	2.5		1.3			2.7	3// 1
			4.0				4.2	2.7	li			305	350
	-		2.7				2.7	_ e • 'j	4.0			7.3	
	10		3.7				3.7	7	3.3			4.7	7: 2
	1-	. 3	2.7				2.7	• 3	3.6		. 7	4.0	<u> </u>
	10	-	3.3				1.3	. 7	2.7		•!	3.7	757
	10		7.0				205	. 7	1.3		7	2.7	330
	2.2		2.0				2.0	_1.3	1.3		3	2.7	7: 7
TOTALS		. ::	2.0				2.9	1.8	2.2		• 3	3.5	2400

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WEATHER CONDITIONS

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STATION	STATION MANE	YEADA	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
WA /	<u> </u>		1.				1.2						•1-
	74		• 5			· 	.5	•6			ļ	.6	710
	37		1.7				1.0	• 3	. 3		i	. 5	710
	10		• 7				• 3		<u>•</u> 5		1.0	1.6	710
	17		1.7				1.3		• 3		1.6	1.9	71.5
	1,		• &				.6		3		1.0	1.3	71'
	17	. 3	1.3				1.3		• 3		• 3	.6	31.
-	2.2	.3	1.0				1.0						31.
		ļ							- -				
	-												
TOTALS	L	• 1	• 3	<u> </u>		· ·-	.0		9.2		5	.8	2480

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STATION	STATION MAME	TEARS	MORTH

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_ 22								.7		<u> </u>	1.3	700
-												2400
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PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	PREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	POG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
بارال	11												710
	54	.3	• 3				• •	.6	. 3			.6	310
	0.7							• 3	• 6			•6	710
	17								100			1.6	31^
	1.4		• 3				.,		1.6			1.6	51^
	17.		• 3				• 3		1.5			1.6	317
	17		. 3				.3		• 3	ļ		• 3	717
	22	ļ											*10
		ļ											
TOTALS		.3	2				• 2		8				2485

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER COMPLITIONS FROM HOURLY OBSERVATIONS

HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FRÉEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
								1.0			1.0	317
56								1.0		<u></u>	1.0	310
								3.9			3.9	310
1-						-3		3.9			3.9	317
17		ذ و				3		4.2			4.2	312
16		1.3				1.0		4.5			4.5	315
15	. 3							3.5			3.5	710
	.6	• 0				.6		1.3			1.3	310
												2450
	(LST) (B1 54 27 17 16 19	(LS.T.) STORMS (13.15 1.7 1.6 1.7 1.6	HOURS (LS.T.) STORMS AND/OR DRIZZLE Di	HOURS (LS.T.) THUNDER AND/OR PRIZZLE DRIZZLE Di Di Di Drizzle DRIZZLE 114	HOURS (LS.T.) STORMS AND/OR RAIN E/OR AND/OR SLEET Di	HOURS (LS.T.) THUNDER: AND/OR DRIZZLE RAIN &/OR SLEET HAIL D1	HOURS (LS.T.) THUNDER- AND/OR DRIZZLE DRIZZLE AND/OR SLEET HAIL OBS WITH PRECIP. Di	HOURS (LS.T.) THUNDER AND/OR DRIZZLE DRIZZLE AND/OR SLEET HAIL OBS WITH PRECIP. Di	HOURS STORMS AND/OR RAIN &/OR AND/OR SLEET HAIL OBS WITH PROG AND/OR HAZE	HOURS THUNDER STORMS DRIZZLE RAIN & FOG DRIZZLE HAIL ORS WITH PRECIP. FOG AND/OR HAZE SNOW	HOURS THUNDER STORMS DRIZZLE DRIZZLE DRIZZLE HAIL DRS WITH FOG AND/OR HAZE SNOW AND/OR SAND	HOURS THUNDER STORMS DRIZZLE DRIZZLE DRIZZLE HAIL DRS WITH PRECIP. FOG AND/OR HAZE SNOW AND/OR SAND WITH CRIST TO VISION

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HTMOM	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW		% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
. ភួល	0.1	.3	.7	·			. 7	1.7	1.3			2.7	300
	C4	. 3	1.3				1.3	2.0	1.3			3.0	320
	57	.7	1.3				1.3	2.7	7.3			9.7	300
	10	. 3	1.0				1.5	1.3	9.0			10.0	300
	13	- 3	1.7				1,7	.7	8.3	ļ		9.0	300
	1 +		.,				.7	.7	5.7		1.0	7.0	700
	10	. 3	2.0				2.0	• 7	3.0			3.7	300
	27	.3	1.7				1.7	2.0	1.0			2.7	200
TOTALS		3	1.3				1.3	1.5	4.6			5.9	2400

WEATHER CONDITIONS

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PERCENTAGE FREDUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	rog	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ect	81		2.3		7-0		2.3	1.6	8.7			9.7	
	C4		1.3				1.0	2.6	11.0			12.9	310
	0.7		1.3			·	انعد	3.9	25.6			27.1	710
	17		1.6				1.6	•6	31.6		•3	31.9	*15
	17		1.5				1.5		33.9		•3	34.2	317
	14	. 3	. 3				.3	1.0	28.7		.6	27.7	310
	12	• 3	1.3				1.3	1.0	12.6		. 3	13.5	719
	27		1.0			_	1.0	.6	10.3			12.6	310
						_							
						_							
TOTALS		.1	1.2				1.2	فعد	20.3		.2	21.2	2980

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WEATHER CONDITIONS

	1.5 44 7.55	79.05	A. C
3 1 1 1 .	L TLUTE, A	73-4	
STATION	STATION NAME	TEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF VEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	PREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<u> </u>	91		2.1				2.7	22.7	30.0			51.0	360
	<u>64</u>		4.3				4.3	31.7	33.3			53.3	303
	77		4.7				4.7	41.7	37. n			64.3	<u> </u>
	15		3.7				3.7	24.3	45.7			64.7	300
	١,٠		2.7				2.7	9.0	55.2			59.7	3.00 U
	15		3.5				3.0	5.7	53.5		.3	56.3	300
	10		4.3				4.3	<u> </u>	49.7			52.7	<u> </u>
	22		2.0				2.0	14.7	44.3			R2.3	7.:5
												-	
							1		· · · · · · · · · · · · · · · · · · ·				
TOTALS			3.4				3.4	17.7	44.4		.0	56.8	2400

WEATHER CONDITIONS

23110	LEMCORE. CA	73-82	236
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOW SHOW		% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ר זים	03		6.1				6.1	50.3	35.1		1.0	73.0	717
	54		6.8			<u> </u>	6.8	58.7	31.3		٠٥	75.5	712
	97		8.7			<u> </u>	6.7	57.4	25.6		. 3	79.0	310
	10		6.9				6.5	54.5	33.5		.3	76.5	72
	1:		5.3		· · · · · · · · · · · · · · · · · · ·		5.9	28.4	54.2		. 5	72.9	715
	16		3.2				3.2	14.7	56.6		.3	69.6	₹,,¢
	17		5.5			<u></u>	5.5	27.4	52.6		.3	70.2	0 ن و
	22	}	4.2				4.2	41.4	43.0		6	71.5	३७३
	·												<u></u>
TOTALS			5.9				5.9	43.7	41.9		.5	73.6	2477

WEATHER CONDITIONS

9 21 1 0	LEMOGRE. CA	73-62	A1 1
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОНТН	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA (ALL	•0	7.0				7.0	44.2	26.6		.c	A,7 . C	2490
ត្រូក			7.2				7.2	75.2	27.1		. 2	47.1	2254
GAY.		•1	6.7				6.7	7.4	10.5		•3	16.7	245-
8 P.L		•0	2.9				2.9	1.8	2.2		• 3	3.5	241
YAY		• 1	• 3				٤٠	• 1	. 2		. 5	.8	24:
Julia -			. 3				7	·	1.7		. 3	1.9	24.
JUL		•ŭ	•2				.,	• 1	. 9			.8	2641
1.		.1	. 3				.3		2.9			2.9	2 k m .
-10		. 3	1.3	 			1.3	1.5	4.6		.1	5.9	24 (0
r *		•1	1.2				1.2	1.4	20.3		• ٤	21.2	2437
204			3,4				3,4	19.7	44.4		•0	56.ê	2400
3 <u>6.0</u>			5.9				5,0	43.7	41.9		. 5	73.6	2477
TOTALS		. 1	3.2				3.2	12.1	15.3		• 2	24.5	29213

NAVWEASERVCOM

2711: LEMGGRE, CA JANUARY 1973-DECEMBER 1982 JANUARY

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS CE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING SNOW	BLOWING SAND AND DUST	N. AEATHER
N	. 6	1.9	.6						28.6	5.2	31.2			43.
NNE	3.4	5.1							18.6	8.5	27.1	-		45. 23. 19.
NE	5.9	2.9							41.2	8.8	23.5			23.
ENE	13.9				<u> </u>			2.8	36.1	8.3	36.1			19.
Ε	5.5	. 9	2.8						40.4	11.9	29.4			23.5
ESE	6.6	1.2	1.2						42.2	10.2	23.5			26.
SE	7.7	2.4	3.4					<u> </u>	38.0		24.0		.5	30. 35.9
SSE	8.1	3.8							32.1	9.1	15.7			35.9
S	7.2		1.3						27.5	6.5	22.9			41.
SSW	7.3		1.8		<u> </u>			L	33.3	10.5	21.1			35.
SW	2.3	7.0	2.3			Ĺ			27.9	16.3	11.6			44.
wsw		3.6	1.7		ļ				17.2	3.4	31.0			44.
w		. 8			<u> </u>				20.3	16.3	29.3			43. 46. 47. 51.
WNW	2.2		1.1					L	24.4	10.0	28.9		l 	46.
NW	5.3	1.9			L				28.3		22.6		: 	47.
NNW	2.1	1.0	1.6		L				20.3	5.2	29.2			51.
VARIABLE					<u> </u>									
CALM	<u>>⊲</u>	> ₩1	≥ ₩	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		> ₩€	>10	>9 ⊲{	$\geq \leq$	2	14.
TOTAL	101	49	45					1	876	219	660		1	83
% TOTAL	4.1							.0	35.3	8.8	26.6		.0	33.

TOTAL NUMBER OF OBSERVATIONS 2.08C

2"11" FERRUARY LEMOCHE, CA JANUARY 1973-DECEMBER 1982

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NC WEATHER
N	1.5	1.0	1.5						6.3	4.9	26.3		1.0	62.9
NNE	1.9	3.8							7.7	3.8	44.2			48.1
NE	3.8	3.8							19.2	3.8	34.6			38.5 38.7 38.4
ENE	5.5		3.2						22.6	12.9	32.3			38.7
E	5.1	2.0							21.2	3.0	37.4			38.4
ESE	6.9	5.2	1.7						25.0		29.3			37.9
\$E	11.0	4.9	1.2						15.9	6.7	23.8			49.4
SS€	6.4	3.8							23.1	4.5	18.6		1.3	51.9 49.2
S	4 . ";	6.2							14.7	3.4	25.4		.6	49.2
SSW	1.6	3.2							23.8		22.2			52.4
SW	3 • 3	3.3							13.3	6.7	28.3			51.7
wsw	5 • 1	1.3	1.3		<u> </u>				13.9	11.4	26.6		İ	51.7 51.1 48.9
W	• 7				L				21.6	8.6	25.9		L	51.1
WNW	4.1	2.1			Ĺ				17.0	7.4	31.9			48.9
NW	5.6								7.4	9.6	16.9	<u> </u>	·	64.7
NNW	1.5	1.5	2.0						15.2	3.9	20.6			61.8
VARIABLE														
CALM	$\geq \leq$	> <	$\geq \triangleleft$	$\geq \leq$		$\geq \leq$	$\geq \leq$	\rightarrow	>240	> ₩€	>46			340
TOTAL	92	52	19	}					412	157	607		S	1104
" TOTAL	4.1	2.3	. 8					1	18.3	7.0	26.9		• 2	48.9

2,256 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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LEMOORE, CA JANUARY 1973-DICEMBER 1982

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	24.4018 3440 440 5117	N. AESTHAE
N		2.0		1					3.4		9.5		1.0	93.1
NNE	1.4	1.4							4.1		20.3			77.5
NE	4.2										12.5			93.3
ENE		6.3							3.1		12.5			78.1
Ε	4.8	4.8							10.7	1.2	14.3			69.7 72.7
ESE	9.1	2.3							5.7	1.1	14.8			72.7
S€	9.4	4.7		L					7.9	3.1	8.7			68.5
SSE	8.7	6.5							3.6	3.6	6.5			73.2
S	4.6	6.6							5.3	2.0	7.9		.7	76.3
SSW	8.3	3.3							1.7	5.0	5.0			78.3
sw	1.6	6.3							3.1	3.1	6.3			79.7 78.3
WSW	7.2	2.4						1.2	4 . 8		14.5		1.2	78.3
w	6.1	1.4							5.4	, 7	7.4		.7	81.1
WNW		.6						•6	5 . 5	3.0	11.0		1	81.1 82.9 78.6
NW	2.7	3.8							4.2	2.9	8.4			78.6
NNW	1.4	1.7	. 3						3.2	1.7	8.1		• 6	83.9
VARIABLE														
CALM	$\nearrow \approx$	> ₹₹	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	>==	>60	$\nearrow\!$	><		78.
			_ -										· · · · · · · · · · · · · · · · · · ·	
TOTAL	92		1	L				2	122	62	260		ă	1974
" TOTAL	3.7	2.9	• 0					•1	4.9	2.5	10.5		. 3	77.6

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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27110 LEMOCHE, CA JANUARY 1973-DECEMBER 1982 APPIL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOA	. 4.	n i
N	• 14	. 4						•.	• 2	. 4	1.3		. 7	96.7
NNE		1.1									5.4		•	93.5
NE		2.4									7.3		, , , , , , , , , , , , , , , , , , ,	
ENE	3.3												,	96.7
E	3.0	2.0							3.9		5.9		,	76.9 69.6 81.4
ESE	12.6			ļ					2.6		7.7		• • • • :	76.9
SE	6.7	6 • 5							17.4		6.5			60.6
SSE	5.1	3.6							7.3		1.3			R 1 . 4
s	9.6	4.9							3.7		3.7			92.7
ssw	3.9									2.0	3.7			92.0
sw	1.09										3.8			94.3
wsw	1.2	1.2							1.2		1.2			96.3
w	1.3	1.2							1.2	1.8	2.4			92.3 94.3 94.3 92.9 97.4
WNW	1.9								• 6		• 6			97.4
NW	• 3	2.1								• 3	• 6		• 3	96.7
NNW	• 5	.6							• 9	. 4	1.7		. 4	96.2
VARIABLE														
CALM	> ₹	> ₹	> </td <td></td> <td></td> <td>$\geq \leq$</td> <td>><</td> <td></td> <td>>≠€</td> <td>>⊲₹</td> <td>>>1</td> <td></td> <td></td> <td>93.7</td>			$\geq \leq$	><		> ≠€	> ⊲₹	>>1			93.7
TOTAL	41	28	. 1		ļ			1	3 3	10	54		6	2252
% TOTAL	1.7	1.2	• 0		1			•0	1.4	.4	2.3		• 3	93.8

0.

TOTAL NUMBER OF OBSERVATIONS

JANUARY 1973-DECEMBER 1982 LEMBORE, CA

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING ORIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING SNOW	BLOWING SAND AND DUST	N -
N	• 3	. 3									• 3		.5	98.6
NNE	1.1										1.1			27.9
NE		2.3						2.3						95.3
ENE											3.1			96.9
E	2.9													97.1 100.0 80.0
ESE														100.0
SE		6.7								6.7			6.7	80.C
SSE		9.1												90.9
S							,							120.0
SSW														100.0
sw		3.0												97.0
wsw														100.0
W	• ;	. 9						.9					i	97.3
WNW										1.1				98.9
NW	• 7	. 2											.7	98.3
NNW	• 2	. 8									• 2		. 8	98.1
VARIABLE														
CALM	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$		> <			34.1
TOTAL	y.	13						2		3	6		12	2435
TOTAL	. 14	•5		1	1			•1	i	•1	• 2		.5	98.2

2,480 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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2711: STATION JANUARY 1973-DECEMBER 1982 LEMOGRE, CA

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SWALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	. 4										1.6		• 2	97.4
NNE		• 8									2.3			96.9 95.8
NE											4.2			95.8
ENE		3.6									7.1			85.7
E											2.3			97.1
ESE														85.7 97.1 100.0
SE														100.01
SSE		14.3												85.7
s		7.1												90.9
ssw														100.0
sw														100.0
wsw														100.0
w											3.7			100.0
WNW											2.2			97.8 98.2
NW											• 5		. 9	98.2
NNW											. 9		• 3	78.6
VARIABLE														
CALM	$\geq \leq$	\sim	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		130-0
TOTAL	2	4									33		7	2348
% TOTAL	• 1	•2							 	T	1.4		.3	

2,400 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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2711 LEMONE, CA JANUARY 1973-DECEMBER 1992 JULY
STATION STATION NAME SEARS MONTH HE AT LOCAL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SATALL HAIL	THUNDER	f0G	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NEATHER
N											.6			99.4
NNE											. 9			99.1
NE											2.1			97.9 96.4 93.8 100.0 130.0
ENE														96.4
E		3.1												93.8
ESE										i				100.0
SE														130.0
SSE		20.0									-			80.0
s														100.0
SSW														100.0
SW														100.0
wsw														100.C
w		. 8						. 8			• 3			98.4 98.9
WNW										. 4	1.1			98.9
NW											. 4			99.4
NNW									• 2		. 5			99.4
VARIABLE														
CALM	$\geq \leq$		$\geq \leq$				$\geq \leq$	$\geq \leq$	> ₩		>	$\geq \leq$		9607
TOTAL		4		}		1		1	2	1	15		<u> </u>	2456
" TOTAL		• 2		1	1			• 0	• 1	•0	.6			99.7

TOTAL NUMBER OF OBSERVATIONS 2+480

NAVWEASERVCOM

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A JSUST 23117 JANUARY 1973-DECEMBER 1992 LEMODRE. CA

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING SNOW	BLOWING SANE AND CUST	N.C. WEATHER
N	• .	. 4						•2			1.3			97.3
NNE											2.7			46.4
NE											10.4			#7.5
ENE											3.2			96.5
ε											9.1			96.4
ESE											18.8			75.0
SE										6.3	18.8			#7.5 96.4 75.0 62.5
SSE					,									66.7
s														100.0
SSW														100.0
sw														C5.5
wsw											1.7			98.3
w											1.8			98.3
WNW											1.9		i	98.3 98.3 97.7
NW		• 5						•5	• 2		1.9			96.7
NNW	. 4							• 2			• 2			98.5
VARIABLE														1
CALM	\mathbb{X}	>><	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	>	\gg		97.0
TOTAL	3	5		{				3	ı	1	46			2401
% TOTAL	• 1	•2						•1	.0	•0	1.9			96.8

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

2,480

27110 LEMONPE, CA JANUARY 1973-DECEMBER 1982 SERTEMBER

WIND DIRECTION	RAIN	RAIN SHOWERS	ORIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMCKE HAZE	BLOWING SNOW	BLOWING SANT AND DUST	N. MEATHER
N	• 3	. 3							• 5		5.6		. 3	92.4
NNE	1.9								1.9		5.6			91.5
NE	2.7	2.7						2.7	5.4		13.5			81.1 92.3 93.0 79.3 92.3
ENE											5.1			92.3
E									1.8		5.3			93.0
ESE	3.4	3.4						3.4	10.3		10.3			79.3
SE	3.0								7.7					92.3
SSE	11.8	5.9							5.9		5.9			76.5
s	2.5								7.5					92.5
SSW		2.8												97.2
SW	2.4									2.4				95.2
wsw											1.7		1.7	98.3
w	1.0	1.0						1.0	• 5	.5	4.1			76.5 92.5 97.2 95.2 98.3 93.8
WNW	. 4	. 8			1			.4	. 6	. 4	2.5			95.9 96.3
NW	• 5	.2						•2	.7	• 2	2.7			96.3
NNW	• 2	•5						•5	• 2		4,7			94.1
VARIABLE													1.	
CALM	$>\!\!<$	$\geq \leq$	$\geq \leq$	\geq	\geq	\boxtimes	$\geq \leq$	> <	>	$\supset \overline{\mathfrak{A}}$	>40	$\geq \leq$		Phot
TOTAL	16	15				{			29	6	106		2	2244
% TOTAL	.7	•6		1	 			.3	1.2	• 3	4.4		• 1	

TOTAL NUMBER OF OBSERVATIONS 2.45

NAVWEASERVCOM

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2 3 1 1 5	LEMOOPE. CA	JANUARY 1973-DECEMBER 1982	nc tobe #
STATION	STATION NAME	TEARS	WCATH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		• 3						•6	.6	•6	18.9		-	79.3
NNE											23.2			75.9
NE											25.C			75.0
ENE											27.9			72.1
E										1.5	29.2			75.0 72.1 70.8 57.1 64.7
ESE	8.2	2.0							4.1		34.7			57.1
SE	3.9	2.0							3.9	Z.9	25.5			64.7
SSE	1.7								1.9	1.9	25.0			73.1
s		1.4							2.7		6.8			87.7
5SW		2.8									5.6			91.7
sw										1.6	14.1			84.4
wsw									1.0		8.7			84.4 71.3 86.7 79.5
w	• 5	• 5	. 5								11.9			96.7
WNW	<u> </u>	.5								.5	18.9			79.5
NW		.7							1.4	1.1	19.7		.4	75.5
NNW	• 3								1.0	1	20.6		1.0	76.8
VARIABLE														
CALM	≥ √€	> ≪€	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \! \! < \! \! <$	> ₩ [>	$\geq \leq$		24.2
TOTAL	1.3	16	1	i				2	19	16	496			1929
% TOTAL	• 5	.6	•0					•1		.6	20.0	<u> </u>	•2	

2,480 TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

G. .

23110 LEMOD'E, CA JANUARY 1973-DECEMBER 1982 NOVEMBER

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLC WING SNOW	SLOW NO SAND AND OUST	NO WEATHER
N		1.4							11.0	• 5	41.5)	48.3
NNE	1.2	1.2							12.3		55.6			35.3
NE			2.8						19.4	2.8	50.0			36.1
ENE			5.6		Ţ				11.1		44.4			28.6 23.2 50.0
Ε	5.5	1.1	1.1						25.3	3.3				28.6
ES€	5.1	4.0							34.3	6.1	43.4			23.2
SE	4.2	1.7							18.6	4.2	30.5			50.0
SSE	2.6	.9							21.1	3.7	40.4			40.4
S	4.3	5.3							16.D	2.1	31.9			53.2
ssw	4.1								14.3	2.0	34.7			53.1
SW		4.5							15.9	2.3	34.1			56.8
wsw	1.2	2.3							15.1	2.3	39.5			52.3
w	• 7	.7							10.9	2.2	40.6			55.€
WNW	1.0	1.0							34.4	3.8	43.3			46.2
NW	• 5	1.5						I	13.4	2.0	39.3			50.2
NNW	2.7	. 5	. 9						10.5	3.7	39.7		• 5	56.8 52.3 55.6 46.2 50.2
VARIABLE														
CALM	> ≪•	>+42			$\geq \leq$		$\geq \leq$		>4€€	>	>4.6			29.7
TOTAL	38	35	9	1	ļ	}		}	40+	64	1061		1	993
% TOTAL	1.6	1.5	. 4					1	17.0	2.7	44.2		•0	41.4

TOTAL NUMBER OF OBSERVATIONS 2+400

NAVWEASERVCOM

G. .

JANUARY 1973-DECEMBER 1982 DECEMBER

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOW NO SAND AND DIOST	N - WEATH FR
N	• 6		2.5						25.3	2.5	45.7			38.9
NNE	1.8		3.6						34.5	1.8	38.2		· · · · · · · · · · · · · · · · · · ·	79.1
NE			3 • 3						36.7	3.3	53.3		† †	26.7
ENE	6.7		10.0		I				30.0		43.3			26.7
E	2.5	1.7	4.3						41.7	1.7	49.6			13.7
ESE	9.2	2.3	3.5						43.9	2.3	42.8		.6	15.6
SE	5.5	2.3	1.2						43.9	5.3	39.2			21.1
SSE	4.0	2.7	2.0						50.7	1.3	30.7		1.3	22.7
5	3.4	4.1	1.4						46.9		30.6		2.0	22.4
SSW	4.4		2.2		<u> </u>				40.0	6.7	53.3			25.0
sw	3.7								25.9	9.3	42.6			37.0
wsw	1.9	1.9							35.2		53.7			25.9
w	2.6	2.6	. 9		<u> </u>			<u> </u>	31.0		52.6		L	25.9
WNW		1.1			<u> </u>				27.0		41.6			36.0
NW		.6	1.3		<u> </u>				27.2	1.9	28.5			48.1
NNW	•6	2.4	3.0						25.1	3.6	34.1			44.3
VARIABLE					<u> </u>									
CALM	$\geq <$	≥ 3	>200	$\geq \leq$	$\geq \leq$		$\geq \leq$		> * <	>400	>+40	$\geq \leq$		Hai
TOTAL	5.8	34						1	965	119	1036		6	604
% TOTAL	?•3	1.4	2.2		T				39.0	8.0	41.9		• 2	24.4

2,477 TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

Z711" LEMOCHE, CA JANUARY 1973-DICEMBER 1982

WIND	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	8LDW NO 54ND 4ND DUST	n. With Thirt
N	• 4	.6	•5					•1	3.1	.6	9.1		. 1	86.8
NNE	• 3	.8	• 2						4 . 6	. 0	15.1		· ·	79.7
NE	1.1	1.1	. 4						8.4	1.3	17.6			73.5
ENE	2.5	. 8	1.5					• 3	6.6	2.0	18.7			69.7
E	3.3	1.5	1.1						15.6	2.9	26.0		,	53.5
ESE	7.2	2.5	1.2					• 1	27.2	4.1	28.3		. 1	40.7
SE	7.1	3.1	1.1						73.3	5.5	23.1		• 2	47.4
SSE	5.1	3.7	. 9						23.3				. 4	49.7
s	4.2	4.2	. 5						16.8	2.6	17.5		• 5	59.9
SSW	3.4	1.5	.6	L					12.6	3.6	15.6			69.1
SW	1.5	2.3	• 2						P . 1	3.9	14.1	Ĭ		74.5
wsw	1.0	1.5	. 5					• 1	7.4	1.6	15.8		• 3	77.1
w	1.2	. 8	• 1					•2	6.7	2.7	14.0		•1	79.4
WNW	• *	. 4	• 0	I				•1	4.4	1.9	10.4			85.7 87.2
NW	• h	. 5	• 1					• 1	3.8	1.1	7.5		• 2	87.2
NNW	. 6	. 6	. 3					• 1	3.2	• 8	7.7		. 3	98.
VARIABLE														
CALM	>ন্	S	≥ 4			$\geq \leq$	$\geq \leq$		>40	>	>96.2			`₩.₹
TOTAL	445	328	130]				20	2868	658	4382		٠2	21521
% TOTAL	1.6	1.1	. 4					•1	4.8	2.3	15.0		•2	73.7

20.213 TOTAL NUMBER OF OBSERVATIONS

NAYWEASERYCOM

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NOCO. Federal Building Asheville, N. C.

G. .

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION SNOWFALL*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- 1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
- 2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations From beginning of record thru 1945 Snow depth at 0800 LST

Jan 46-May 57 Snow depth at 1230 GCT

Jun 57-present Snow depth at 1200 GCT

U. S. Navy and Weather From beginning of record thru Jun 52 Snow depth at 0030 GCT
Bureau Stations Jul 52-May 57 Snow depth at 1230 GCT
Jun 57-present Snow depth at 1200 GCT

^{*} Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PARTIES PARTIES (FROM DAILY OBSERVATIONS)

was in the

fs } =

ATION STATION NAME

VEADE

						AM	OUÑTS (II	NCHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP	NONE	TRACE	.01	.0205	.0610	,1125	.2650	.\$1-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
HOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3 4	3 5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-44	49.60	61-120	OVER 120	AMTS				
JAN	•	13.4	5.2	. • 5	7.2	5.5	3.7	1.1	۰,					24.4	651	1.29	5.34	- 40
FEB	5.	7 . 4	4 . 4	5.6	4.4	3.9	3.0	1.9	• `					25.	593	1.34	4.54	. ,
MAR	- , , ,	5 • 8	1.7	2.5	3.7	6.6	₹, €	1.8						19.5	551	1.24	3.41	FRACE
APR	٠ ^ •	. • ta	1.7	3.5	1.0	3.2	2.5	• 6						17.7	630	.59	2.32	1030
MAY	• -	4,	• 8	1.5	1.1	. 9	• 4	• 2						5.4	651	.22	1.77	• 1
JUN	- • "	2.7		1.1	• 3	. 3	. 7							2.1	630	.07	• 3 =	•
JUL	i. • ′,	1.5	• 5	• 2	• 3	. 3								1.2	651	•02	•21	• - 7
AUG	•	1 -	• 1	. 7	• 1	• 1								1.7	652	•:2	• ' 4	• . ?
SEP	•	2.4	• 5,	1.4	• *	. 6	• 3	• 3	• 3					3.	660	.76	2.54	. 2
ост	£ .	5 . 4	1.;	2.3	• 7	1.6	1.2	• 3						7.4	6.52	.34	1.72	. 2
NOV	77.5	7.	2.6	5.3	2.4	5.^	2.3	1.4						18.0	660	.89	2.12	• 00
DEC	15.7	11.5	5.7	5.7	7 . ij	4.5	1.2	1.6						?2.	651	.93	3.67	• . B
ANNUAL	*; .	5.4	~.1	?.9	1.5	2.9	1.6	. 8	• 1					12.1	7772	7.25	X	

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNC -F AL [

۷-::	L, W)OP", CA	61
STATION	STATION NAME	YEARS

						AM	อบค้าร (เ	NCHESI						RCENT			THLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1 00	1.01-2.50	2 51 - 5 00	5 01-10.00	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5 3 4	3 5-4 4	4.5-6-4	4.5-10.4	10 5-15.4	15 5-25 4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2		4.4	7-12	13-24	25-36	37.48	49-60	61-120	OVER 120	AMTS		<u> </u>		
JAN	9.0	• '				•`		!		ĺ				• ?	551	• 2	7.1	•
FEB	69.2	•.'							l L						503	PRACE	Leter	•
MAR	35.7	•	• `									:		• 2	551	r- ACT	•	•
APR	50.		•						i 1					• 3	4, 7.7	PACT	• .	•
MAY	! 7 7. 9												!	` .	95.1	• ^	• "	•
MUL	· · - • · ·											1	:		1. 3*	• ?	•	• *
JUL	י ס•י														951	• 7	• !	•
AUG	•														64.5	• *	•	•
SEP	1 (*)														• 60	• 0	•	•
ост	11.50														6 7	• "	•	•
NOV	119.5														667	• ^	• '	•
DEC	n . :	• .7													651	FRACE	TPACE	•
ANNUAL	70°7	• 1	• -			• 1								۰۲	7742	. 2	\times	\times

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

2 11	L MICH , LA	64-35
STATION	STATION NAME	YEARS

						AM	OUคีร (II	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.0205	.0610	.1125	26- 50	.51.1 00	1.01-2.50	2 51 . 5 00	5 01-10 00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5-3 4	3 5-4.4	4 5-6 4	6 5-10.4	10.5-15.4	15 5-25 4	25.5-50.4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	3	3	4-6	7-12	13-24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS				
JAN	÷.	•7	•?			• .:								• 3	~ 51			
FEB												1			6, 3 %			
MAR												,			, = 1			
APR										-		i			£ 7 's			
MAY	*****														r : 1			
MUL	•											1	1		-			
JUL	1 : •														+ 51			
AUG															£ = ?			
SEP	' • -														, € ? (
ОСТ	173.7														5 - 1			
NOV										,					661			
DEC	. ~. ~														e. E. 1			
ANNUAL	1 1.5	•	• ^-			• ີ								• **	7792		\times	$\overline{\times}$

NAVWEASERVCOM

EXTREME VALUES

POSTIPITATI N FROM DAILY OBSERVATIONS

Limiter, ca

13.

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
1						$\overline{}$			• 5ª	• 7	• 71		
1.7	.21	1.09	• 3 °	• a	.07	• 00	• 0.5	• . G	• (:0)	.13	• 1	• 1	1.
	• 5 1	17	- 34	•37	-54	• 0.0	- 50	•	-17	-32	•57	•	
14	.50	• 13	. 2 1	=	_•59	_ •1 3	•60	-14	• 30	.45	• 3.2	• 1 *	• -
. 5	•33	.17	.49	• 36	-17	• 53	• 3	-21	6.0.0	• [4	• 2.1	.4	•
6	. 3 %	- 2.7	<u>• ''</u> ''	• 39	.24	7	.11	• 7	• 02	•00	• 5 €	• 7 7	• • •
5.7	. 4 3	- 04	. 4 1	• Z ?	•25	3.3	• 20	• 10	• 2 %	•:1	-74		
50	•34	• 2 3	-5∜	5.1	.13	<u> • . </u>	• 12E	• 2	• G 🖰	_ · 7 5	• 4 5	• 6 -	• * 5.
-0	1.70	1.43	• 2 1	. 4.3	-05	•25	.15	•	• 0.5	• 7.5	• <u></u>	.14	1
7 '	- 3 9	• * 4	•53	• C 9	• 60	•50	.00	•(7)	• 00	• 15	- 8 €	• 4 :	
1	.13	• 1 4	•17	•67	• 4 1	• : 3	• 7.0	•53	•	1	-11	. 4	• * \$
	<u>•96</u>		• ***	•12	•97	- (14	•C1	(۱۵۰ -	• € 4	•92	• 5 8	• 7	
	! • ∶વ	• 7/	• 7 1	• ⊜4	•37	• 40	.00	• :2	.00	• 6.5	•13	•	3 •
.,		<u>.::7</u>	• 3 7	•11	• 27	• 30	• 20	•)	-35	.27	• 0.3		• 14.
3	•]	• 4 1	• • •]	. ? 2		• :)	רח.	• 3	• 4	. 37	•	• ,]	, 4. 7.
74.	1	• " 3	. 2]	. 31	•07	• · ;4	.01	• 4	1.37	- 4 7	• + ?	• 4 3	1.73
7:	• 5.3	• 7.7	. 8 3	• 5 7	. 4 3	• • • •	- 27			ال ا	4	2	1.7
75	• 4 5	1.70	· 8 6	• 74 • 33	•65 •65	• 13.7	• ংগ • গল	• 0	1.00		- 27		
	• 4 7	1.47	• 40	11	.14	. 5	0.7	3 1 e	• 0 ! • 5 ?	•11	· • • •	1	1.4
1	• 34	•17	- 89	23	- 37	• 3	• 15	• 55	<u></u>	- 27	- 23		
1		. 21	74		.ad	13	C	00	89	46	9		
	•••	• ~ ^		• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •				•		
MEAN	. 4 -	. ,4	. 4	. 25	.11	• ., E	• ⁿ 7	1.2	.1=	• 20	• 5 2	• 3	
S.D.	2 . 2	, c ? o	.766	.230	.173	-102	• ^41	- 735	• ₹ 5 3	•23 ^m	-790	- 55.7	•317 7797
TOTAL OBS.	5 5 1	= 13	551	637	651	630	6511	68.5	667	65.5		651	1147

PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION

1,45000, 64

YEARS

24 HOUR AMOUNTS IN INCHES ANALYS OF THE MONTHLY

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP,	ост.	NOV.	DEC.	ALL MONTHS
1							•00 17						PECIP DAYS
6. 7													PARCIP DAYS
							_						
					-							· · ·	
									ļ <u>.</u>				
MEAN S. D.			-								ļi		
TOTAL OBS.					<u> </u>	l							-

SMOS

STATION NAME

61-82

EXTREME VALUES

EXTREME VALUES

SNº FALL

(FROM DAILY OBSERVATIONS)

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Listandist. CA

STATION NAME

61-62

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1										• •			
-	3.	• ~	• •	• ~	• ^	• 7	2.		. 1		. 1		* •
- 2	•	• 7	• 7	• • •	• "	• 5	1	• 5	• :	• U	• • • •		
. 4	• 1		• 1	• 3	• 7	• 0	•0	•:1	•0	• 3	- 1	• `	•
,5,	• 7	• 7	• 1	-7	• 7	• 7	• 7	• 7	•:	• 7	•17	•	•
- 6	• 1	1	<u> </u>	<u></u> •4	• -1	•?		• 3	• ^	• 3	• 0	•^	•
57	• 7	• 7	• 7	• 1	• 7	- 0	• 7	• 12	• 17	• 1	•11	1	
5.9	<u>•1</u>	• 1	• 7	• 3	7	<u> </u>	• 기	• 0	•	. • ○	• 6	• `	•
6 to	•]	•]	• 1	• 3	• 7	• 0		• 1	. 3	• 0	• 17	•	•
7.0		<u>•</u>]	• 3	•]	<u>•]</u>	.0	• 1	• ,]	• ◌	• ೮		•	
1	•]	•]	•]	•]	• 7	•0	• 1)	• 5		• 3	•	• 1	•
7.7	•		<u>•]</u>	• 3	•]	•C	<u>•:</u>	• 1	<u>.</u>	• 7	• 0	•`	•
- 1	•]	•]	• :]	•]	• 13	• 0	• 0	• 2	• 7	• ū	• 5	• ີ	•
74		<u>·1</u>	•:]	<u>•</u>		- 3	• 0	•	<u>• </u>	• 🖰	٦.	•	
٠.٤	• .	•]	• 1	• 1	• 4	- 0	• 0	• 6	• :	•	• 3	•	•
77	 -↓	<u>•</u>				0	• 1		<u>•</u> _	• .	• 1		
75	• 1	.u	• 1	•]	• ;;	• 7	• O	• :	• 13	, n	• 5	• :	•
70		 -		9	• 5			• 1/	_ •n	• ~		• •	•
1.3	: 1			. 1		.5			• 0	• 3	5.		•
- 1			• 6			• 5	• 0	• 5	- 6	• 0	• • •		:
		. d]		. 1	.0	D	้าไ	:3				•
MEAN	•14	• 1	• 21	•00	.00	• 00	•00	•30	.00	• 00	• ១ព	•00	•
S. D.	.727	000	•365	•022	רסי	• 000	• 000	•000	•000	•000	•100	•300	• 7 3
OTAL OBS.	651	543	651	6.20	651	637	651	682	660	682	660	651	779

- Up.:

EXTREME VALUES

SNO FALL

FROM DAILY OBSERVATIONS

27115

LEM GRE. CA

STATION NAME

61-87

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

					17				*:	TACE SULTANT SWAFFELL DAYS
									*0	SWAFFEL
					<u></u>]		
			ļ		1				 	+
				<u> </u>	<u> </u>					
						L.				
						L				
1	 	 	 	 	ļ		 	 	 L	<u> </u>

267

EXTREME VALUES

ONO DEPTH

FROM DAILY OBSERVATIONS

27117 STATION STATION NAME

61-47

YEARS

DATLY SNOW DERTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
1		~			,		ç	-		9			
1.3					-	- :		- :	7		-		- ;
£ 44	1	3	1	3		^	9	3	٦	C	·		
4.5 4.6	7	ר	3	า	ן ן	ני נ		1	ξ. τ	3 0	. c	.,	
57			-			- 6	7		,	<u> </u>		 	
64		, ,	1	7	1		Ç	ာ	2	3	0	<u> </u>	•
60 70	7	7			3	.7	ر د د	J		2.0		^	
7.		-	3	3	3	ე		3	0		- C	;	
77					- 7				T,	0.	i ' .	L	-
74		3				n	יי		Ŋ	Ċ	ני		
75	- 1	1	1	9	1	5.0		0		0	. c.		
77	7	ē,	· ·		3	3.0		0	7	ີ ວ			7,
70		a		-		<u>_</u>		 ૅ		3		1 1	
				្ន		n			C	0		~	,
-2	1	្ធ ់ ។]	1		0		ה ג		ן נו נ		
MEAN	• 2	• .	• 1		• 1	• 0	•0	. 9	.,	• 0	• 5	• 12	
\$. D.	.873	• 200	•000	•000		• 000		סמר •	•000	•000	ספח•		.874
TOTAL OBS.	651	573	651	630	651	630	621	682	660	682	860	651	7792

EXTREME VALUES

SNO. DEPTH IFROM DAILY OBSERVATIONS

LEMOCRE, CA

YEARS

DATEV SNOW DEPTH IN INCHES VERSED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
. 1							17						SAN DET
4.7												3.0	SAA S
													1
													
									 		 		
			ļ ————————————————————————————————————			 							
													
													
		ļ <u>.</u>							<u> </u>				
			 	 		 			ļ				
			 	 -					-			 	
MEAN					 								
S. D.													
TOTAL OBS.					I	<u> </u>	I -						

" DC"

DAILY EXTREME AMOUNTS

ECOB: 41 A MONTH

20310

LEMODER, CA

STATION NAME

1 67-1983

YEARS

 $J^{(n,n)}U(A) \ell^{(n)}$

			МО	NTH			
DAY		PRECIPITATION GREATEST			SNOWFALL GREATEST		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	
1	• 7 7	1	1082				
2	• . 5	13	1077				
. 3	•1	3	1561				
4	. 4 *	12	3774		Ţ.,	1.168	
5	• 71	5	1778				
6	. 14	11	1974				
7	• 7	2.3	1074				
8	• 5	1 4	1273				
9	• 2 3	6	1778				
10	• - 1	! 5	1530			I	
11	• 6	17	198				
12	•73	5	1287				
13	1.12	2/	1363				
14	- 3		107				
15	• 1	5	177				
16	• 4		1278				
17	• 4 7	12	138				
18	1.0	2.5	1973				
19	! • *	33	1,64				
20	• - 4	11	1584				
21	•	13	1264		Y	19874	
22	" • · · ·	21	1583	3.3	F	1365	
23	• 2	7	1265				
24	• - 3	11	1367				
25	• 1	24	1563				
26	• ?	7	1983				
27	. 3	19	1783				
28	. 9	51	1783				
29		5	1281				
30	- 22	11	1093		Ť	1.69	
31	• 0	13	1963				
Monthly	10.00	- 51	1083	3.3	54	1962	

DAY		PRECIPITATION GREATEST		SNOWFALL GREATEST		
JAT	INCHES	ММ	DATE	INCHES	MM	DATE
1_	0.12	3	1956			
2	0.12	3	1775			
3	0.01	1	1075			
4	0.70	5	1766			
5	5.44	1.1	1976			
6	0.46	12	1970			
7	3.57	14	1974			
8	0.25	10	1979			
9	1.0	43	1770			
10	1.09	2 4	1962			
11	7. 6	19	1973			
12	0. 2	21	1383	ļ		
13	0.43	13	1979	ļj		l
14	0.14		1977			
15	0.23	6	1787			L
16	1 . 2	36	1980			
17	0.27	7	1987			
18	0.3	5	1090	ļ		
19	D. N.S.	12	1797			
20	0.3	21	1070			L
21	0.12	3	1,000			
22	0.06	2	1777			L
23	0.25	6	1060	ļ		
24	10	36	1969	ļ		
25	0.3	13	1363			
26	0.1	4	1301	T		
27	0.2%	7	1973			<u> </u>
28	0 56	15	1977			
29	0.02	1	1776			1

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

30 31 Monthly

DIRNAVOCEANMET-SMOS

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[.] ALSO ON EARLIER YEARS

DAILY EXTREME AMOUNTS

2/11 STATION

STATION NAME

1:62-1:43

YEARS

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
DAT	INCHES	MM	DATE	INCHES	ММ	DATE
1	1	1.	1083	I T		
2	7.0	17	1083			
3	7	11	1978			
4	**	23	1531			
5	7.47	12	1075			
6	• • • •	10	1060	0 - 3	5	1 78
7	^ • 5 ·	14	1768			L
8	7.37	9	1975			l
9	3.13	3	1778			
10	7.71	5	1767	1		
11	2.7	10	1305			
12	• 1	4	1978			
13	1 6 4	12	1968			l
14	0.24	7	1685			
15	•0	2	1251	Ι		L
16		21	1 177	LL		İ
17	0.13	3	1,85			<u> </u>
18	7.0 2	1 3	1370		1	1 8 2
19		19	1981			L
20	2.3	ď,	1977			
21	3.27	7	10-1			
22	7.31	ر -	1962			<u> </u>
23	7.31	10	1783			
24	7.67	17	1043		Ţ	1 8
25	7. 2	6	1787			<u> </u>
26	0.00	5	1979			
27	0.72	18	1979			
28	0.30	10	1963			
29	0.27	7	1982	\Box		
30	7.42	11	1973			
31	7.74	19	1982			
lonthly	• 8	23	1781	- 3	9	58

			4 1			
			МО	NTH		
		ECIPITATION CONTRACTOR			NOWFALL GREATEST	
DAY	INCHES	ММ	DATE	INCHES	ММ	DATE
1	• 7 1	13	100			
2	~1	5	1.60			
3]	Ţ	\$5.16			
4	3.5		1978	1		
5	7 . 4 3	12	1954			
6	1.74	19	1973			
7	0.34	9	1963			
8	. 33		1045			
9	~·3c	9	1965			
10	- · • r 2	13	1035	1 - 1		1
11	7.24	6	1982			
12	1.2	3	1976			
13	0.23	7	1976			
14	7.6%	17	1971			
15	1.36	ı	1070			
16	0.04	1	1063	1 7		-
17	* • 16	4	1371			
18	1 . 2 3	7	1081			
19	1.15	5	1081			
20	7.26	7	1963			
21	1.012	5	1767	I		
22	7.04	1	106			
23	1.11	3	1.67			
24	633	3	1978			
25	□•±0	13	1975			
26	7.05	1	197			
27) . 05.	1	1963			
28	3.29	7	1983	. 1	3	100
29	7.02	1	1983			
30	3.01	1	1983			
31						
Monthly	0.14	19	197F	(-1	3	1 .00

DIRNAVOCEANMET-SMOS

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

. 11 1 67-1-83 STATION STATION NAME YEARS

MONTH

			МО	NTH		
		CIPITATION OF THE STREATEST		SNOWFALL GREATEST		
DAY	INCHES	ММ	DATE	INCHES	ММ	DATE
1			1 6			
2						
3						
4	0.37	5	1967			
5	Ţ	•	1 6.0			
6	7.07	2	1366			
7	7	•	1 7 6			
8	0.0-	1	1977			1
9	0.0	5	1777			
10	ור-מו	1	1076	1		
11		•	1.	1		
12	1	Y	4244			
13		7	1777			
14						
15	,	•	12+5			
16	9.75	7	1060			
17	0.5	1	1:69			
18						
19						
20						
21						
22						
23						
24						
25						
26	*		1971			
27						
28		7	1082			
29	0.0	2	1987			
30	1.12	3	1782			
31						
Monthly	0.37	٩	1967	 		<u> </u>

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

	-		À	ı		
_		-	_			
		-	=			

1 61-1-93

STATION NAME

JULY

MONTH

	· · —		MON	NTH_		
DAY		ECIPITATIO GREATEST		SNOWFALL GREATEST		
DA 1	INCHES	MM	DATE	INCHES	MM	DATE
1	[-0.01]	5	108			
2						
3						
4	T		1277			
5						
6						
7						
8	7	7	1043			
9						
10						
11						
12	• 1	4	1964			
13	• 3	7	1763			
14						
15	•01		1 ~ 76			
16						
17	· 1	*	1 713			
18						
19						
20						
21	7	-	1:70			
22	^ · C !		1776			
23						<u> </u>
24						
25	1	•	107A			
26	T	7	1764			
27						
28		+	1077	1		
29	- ^ 1		1772			
30	•11	3	1766			
31	7	7	1 ^ 74	· †		
Monthly	.1		1269	- 		

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
DAT	INCHES	MM	DATE	INCHES	мм	DATE
1						
2						
3		•	1:-1			
4			1276			
_ 5	7.0 €	2	1273			
6						L
7	2.52	1	1263			
8	,	▼	1 5 7			
9						L
10	,	T	1016			L
11	7.01		1755			
12	0.02	1	1/69			
13	L					
14	0.02	1	1ु:भुर			
15	7.02	1	1776	L		L
16						L
17	-	1	1 177			L
18	0.03	1	1375			
19	2.21	7	1987			
20						
21	L					
22						
23	L					
24	•	<u> </u>	1:71			L
25						
26						
27	1	Ť	1365			
28						
29						
30	0.13	3	1983			
31	2.14	4	1964			L
Monthly	0.20	7	1983			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

11	L MATERIAL TO	1 61-1193
STATION	STATION NAME	YEARS
	t to the second	** *1.5.2

			MOI	NTH		
DAY		PRECIPITATION GREATEST		SNOWFALL GREATEST		
UAT .	INCHES	ММ	DATE	INCHES	ММ	DATE
1						
2				11		L
3						
4	• ?	7	1242			
5	•1	3	1,49			
6	7 • □ •	1	1083			
7	7.3	2	1563	1		
8	7.7	1	144.			
9	Y		1250			
10		16	1376			
11	100	11	1975	1		
12						
13						1
14	-		70	·		
15				1		
16			1 ~ 0 ?	1		
17				1		
18	7.1	3	1300	 		
19	3.5	1	1.46	 		
20		~ ~~	1.04	 		
21	7.7		1953	 		
22			1-57	 		
23			1282	tt		
24			1787	 		
	- A	23	1282	t -		
25 26	0.0		1787	 		
				 		
27		5	1276	 		
28 29	1.2	76	1275	├		
		13	1743	 		
_30				┝┈┈┼		
31	1677	34	1976	 		
Monthly		_ , , ,	1-10	LĹ		L

			MO	NTH		
DAY		PRECIPITATION GREATEST		SNOWFALL GREATEST		
041	INCHES	MM	DATE	INCHES	MM	DATE
1	2.4	12	1:75			
2	.1	4	1774			
3	7.71		1:6*			
4	7	1	1777			
5		1	1777			
6	1 1	5	177			
7	- 6 (5	17	1222			
8		Ŧ	1073.			
9	1 - 1	ī	1272			
10	1 1	4	1201			
11	- 70	5	1.6.			1
12	1.09	1	1962			
13	• 1	10	1048			
14	,1	4	1365			
15	~ 32	-	1363			
16	21	7	1763			
17	1.02	<u>1</u>	1.45			
18		7	107			
19	1.001		1577			
20	7.11	3	1020			1
21			15.1			1
22	[7.55	1	1014			
23	7-07	1	1.44			
24	[31		1782			
25	7.11	3	1 70			
26	2.10	4	1345			
27	2.05	2	1764			
28	- 32	10	1964			
29	7.41	11	1964			T .
30	.4	15	1082			T
31	.0.	1	1:74			
Monthly	- * 5	10	1965			1

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

7 110 STATION

L MOORT, TA

STATION NAME

1 61-1962

YEARS

NEGE 1811

MONTH	
	SNOWEALL

- ST

			MOI	<u> </u>		
DAY		ECIPITATI GREATEST			NOWFALL REATEST	
UAT	INCHES	MM	DATE	INCHES	ММ	DATE
_ 1	• • • • •	?	1743			
2	• 1	4	1063	Ī		
3	• ? ~	L	1069			
4	6	17	1972			
5	• 1_	7	1760			
6	• -	6	1966			
7	• - 2	11	1772			
8	• 0 •	_ 2	1035			
9	• 1	1.5	1982			
10	• 7.2	4	1064			}
11	• 2	7	1025			
12	•	11	1976			
13	• 2	6	1.81	1		
14	• :	15	1:72			
15	• '	14	1968			
16	• :	21	1050			
17	• 1	5	1733			
18	• 3 4	ï	1947			
19	• ~ .	24	1967			
20	• * 1	23	1761			
21	• 4	14	1973			
22	•	13	1365			
23	•2	7	1265			
24	.1	4	1943			
25	• 5	14	1770			
26	• 5	1	1981			
27	• 1	5	1761			
28	• 1	5	1791			
29	• 1	7.1	1773			
30	• !	4	10320			
31						
Manchin	1	74	1567			

Ö	CEASE	
	MONTH	

200		ECIPITATI GREATEST			NOWFALI GREATEST	
DAY	INCHES	мм	DATE	INCHES	мм	DATE
1	7.0	1	1961			
2	0. 2	16	1565			
3	0. 5	2.2	1074			
4	0.1	5	1765			
5	5. 4	14	1966			
6	3.73	10	1066	[
7	C.11	3	1 167			
8	2.5	- 2	1069			
9	7. 5	14	1987			
10	2.00	1	1971			
11	7.17	4	136€			
12	0.2	E	1965			
13	7.1	4	1977	7		: 67
14	0. 2	16	1368			1
15	2.07		1077			
16	9.4 :	5	1767			
17	7.0	20	1777			
18	7.1	10	1977			
19	0.14	4	1000			
20	0.17	3	1 - 7 -	· 1		1 (5
21	0.0	5	1:77			
22	7.59	15	1097			
23	0.87	23	1077	1		
24	J. 0	13	1983			
25	0.15	4	1363			
26	0.15	4	1964			
27	0.3	21	1277			
28	0 . 4	16	1977			
29	17.4	11	1965			
30	0.3	11	1976			
31	3.1	5	1/75			
Monthly	.8	23	1777	7	Ť	758

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NOCH, Federal Building Asheville, N. C.

1

PART C

SURFACE WINDS

Street ...

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

THE ACE LESS FROM DAILY OBSERVATIONS

E P. 3 - 7 - 74
STATION NAME

MATER TEAM GUSTS IN KNOTS

MONTH	JAN		FEI	в.	МА	R.	AF	R.	M	AY	J	UN.		UL.	AL	JG.	s	EP.	00	 -	NO	ıv.	D	EC.	AL MON	
TEAN		\dashv							├						X V 4	77.	NY.	7.	N.R.	35	31	710		, - 		
1.7	14.	3 3	558	7 4	455	3 4	١,	3.0	55 N 4	20	N.	4	N	31	N 11 W	23	.	1 4)		}		يه خوا	1 -		
7.7	र १६	2.7	4	-20	5 -	3.4	-	7.5	-		78	-41	V -	-46	244		F. 22	٠,٠	क इ.स	_ 4	<u> </u>	20	रशस			
/ • I	-	3.3	¥-	34	N	36	اد ۲۰۱۰	3.3	h, M y	2 9	144	. 23	N 81 .	. 23	34 ? N	23). N .	26	-	27	454	2.5	NºC#	04	*- ^	٠,
- 5	N . 1	27	N #	43	5.	3.3	RF8 F W	12	17	37	44,	* 44	14	24	N 25 W	.7	PiNin	- 11	14.15 X	27	55 x	7,8	1	ः	4,12	
5.5	·, ·	5.7	W- W	רי ק	NYA	3 1	•	2.0	(ii	2.5	יו		٠.٠		* :	24	WNY	2.3	2.2454	3.2	555	. 7	1.71 %	3.5	***	,
6.7	1,1,	23	5	77	5	23	w * A	2.0	1	24	40	. 5	4 1	. 26	N.	23	551	<u> </u>	1		151		1.4.4	-27		
1, 1	V 5 W	. 3	N W	- 7	Nix		74.*		Fi		NN.				"i N R	٠, ٦	٠.	. 7		74	1	3.5		- : 7		
3. 0	1.140	• 1	3		14.1 W	2	N. W	3.	114 4	2.5	2.11	. 76	25	אַר	1. 1	77	NN A	-77	٠,	37	ı		•	3.	-	
*.	S	2	14	29	r4	3 -	٠.	3 1	١,٠	2 :	۱.	31	Y '. '	24	<u> </u>	٦٦	•	3:	1.50	2 B	55.	1.7	355	7.	•	
-:	, x .,		34	. 1	36	- 1	3%	3.7	1		3€	•	3 %	,	3.5		34	-51		-	36		3.3	7.7	- 5.0	-
	1	211		2.9		37	33		35		2.5		D.2	2.3			35	-23	9	3 5	Г'		3.3	4:	2.7	4.1
	3 -	2.3	32	51	_	-	34		35	_	38		2.4	19	-	_	34	24	1-	26	1-		1:	24	3.4	
٠,	. •	3 3		3.4			24		3 ^		33		33	26		24	35	12	1	36	1.6	7.3	10	3	1 8	7 7
	27	3 4	33	3.2	33	40	34,	35	35	36	36	28	3 :	24	34	2.3	1	18	32	3 3	5.	3,	36		7.7	1
٠٠,	0.1	21	2?	31	3.3	34	3.7	37	3.3	29	03	30	15	27	33	23	15	5.9	3.5	24	31	2.1	74	77	3.5	7.
7.7	13	30	34	31	3 ?	37	33	3.3	27	35	35	25	3 -	23	2.3	25	33	23	36	25	г		17	3.1	33	-
75	1 7	2	15	. 1	13	34	33	21	3.7	4.0	35	24	3 3	22	31	22	34	5.6	31	£9	34	: -	F 1	4.7	3.1	٠,
7::	•	3 1	3 4.	24	14	25	34	3.	37	3.7	33	2.8	33	21	71	_	75		15	46	6.0		31	3	13	4 (
	3.7		2 -	27	3"		34		36	4.3	21	19		29	12	35	33		3.7	-	33	3.0	1.	2 7	3 €	4.
1	1.	37	33	46	3.2	24	34	28	33	-	33	3.5	34		C)		33		15	5.5	12.2		3 4	27	7.3	-47
	37	27	34	- 7	19	31	22	25	24	24	3 C	24	21	22	35	17	34	34	33	5 8	5.0	45	24	34	2.6	<u>.</u> .
MEAN		, . P		J.4		7.	1	(i) • °	1	7. €		? 영 . 3		.व • ⊓		* . t.		5.1	1	17.5	i	7.	1	••		7.
\$. D.	4.			. 2.2		500		167		947	4.	754	<u>. </u>	044		337	1	335	1	451		315	1	143		16.2
TOTAL OBS.		51		5 7 3		551	Ι -	630		627		630		620		K 8 2		658		6 4 9		630	1	G a 1		236

STATION NAME

EXTREME VALUES

SHIP ACT WITH

STATION

L: 8108. . C2

4.] = Q 7

YEARS

DAILN DEAK GUSTS IN KNOTS Zeacou on less than bus parervattins for komphy

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
- 1							17						niv:
~ 2											141 2		7 A V ()
7					45.1.2% 75								12.4
X .							2.6						7**.~* ^***
			 					· 	ļ				
													
	- 			<u> </u>	 					!			
													
	 	 						 					
													
													
													1
MEAN													
S. D.													
TOTAL OBS.				L		l	l		Ĺ	l	L		l

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		<u> </u>	STATIO	H HAME			73-n.		 ,	YEARS				A): HONTH
		-	···-			सम् अद्	ATHER LASS							B CLET:
		-				COL	IBITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Į	N	10.7		/									2.3	4.5
	NNE		•	7									1 - 3	3.6
[NE			,									1.5	1.7
	ENE													Sai
Γ		7 5	7, 7	7							1		E . 6	

(KNTS) DiR.	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	256	*	SPEED
N	1.7		,									2.3	4.9
NNE			7				i					1	1.6
NE						{						1.5	1.7
ENE													5
E	3 3	2.3	7									5	
ESE	1. 2	7.7											1.9
SE	1	7			. 1							7.4	4.3
SSE	100	2-5	1 . 3									Leai	ε, ε,
\$		2	1.6									7.7	9.9
55W												1.06	3.6
SW	- 1	1	7									3.2	7 . C
W\$W		1.0			7							3.5	4.6
w	3.0	2.3										Las	3.5
WNW	1.2	2.4								I			4.9
NW	- 1-0	2.3	1.7	3	<u> </u>						I .	6.1	5.3
NNW		3.2	1									5.00	5.1
VARBL					<u> </u>					I		F	
CALM	$\triangleright <$	> <	> <	> <	$\geq \leq$	> <	\geq	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	27.4	
	37.3	23.5	3.7	1.0	1.3							1000.	3.1

125

TOTAL NUMBER OF OSSERVATIONS

- NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION HAME

STATION HAME

STATION HAME

STATION HAME

STATION

S

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	1											1.5	4.
NNE						I						1.	2.
NE					[4
ENE	,											1.5	
E	7 .	1 7										1	
ESE	,	7 5	- 7	,	[7.7	٤.
SE	. 3	1.0		7								8	3.
SSE		7 0	,,,						1			,	-
5	7 7	-	-									-	1
55W			,									2.6	-
sw			· · · ·						<u> </u>			1.2	2
wsw		7. 3			<u> </u>							2.5	1
w	7-1-				1							1	1
WNW		-				<u> </u>						3.5	2.
NW	7 7		1,7	1 7	 	 						-	
NNW					 							***	5
VARBL			1-1-5		 	 			 			+	-3.
CALM	\searrow	\sim	\sim	\sim	>>	\sim	>>	\sim	\sim	\sim	$\overline{}$	10.4	

TOTAL NUMBER OF OSSERVATIONS

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#US GP0 1984.741 348:201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

`**&~** '' '

		STATIO	NAME .			<u> 13-42</u>		,	PEARS			•	IONTH
	~				عاد ساط	ATHER				_			37 8 (L.S.T.
	_					ISITION							
	_									_			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEA WIN SPEE
N	3.2	<u> </u>										4-6	3.
NNE						l		<u> </u>				1.3	_3.
NE												1.0	•
ENE		8										1.0	3.
£	, ~	1 - 5										2.4	3
ESE	1.3	4.2	. 1.						}			5.8	¥.
\$ 2	2.2	3.0	1.9.	- 4								B - 7	5.
SSE	1.9	2.9	2-1	1.0.								A. I	
3	3.4	2.4	1									4.1	-
SSW	1.2											2-5	2
SW	1 6		. 7									1.0	3
W\$W												3.00	
w		1.15											2
WNW	1-0	1.3										2.3	
NW	1.6	1.2	1.3									7.1	3
NHW	1.7	1.3	1.4	1.0								5.2	6
VARSL	1												
CALM	\boxtimes	$>\!\!<$	$>\!\!<$	> <	> <	><	>>	><	$>\!\!<$	><	><	75.0	
	25.5	25.4	g_n	7.0								100-5	۲.

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					11 4E	ATHER							10.10
					_	DITION .							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	4) - 47	48 - 55	≥56	*	MEA WIN SPEE
N	1.5	1.8	1.1									ندو	5
NNE												1.6	
NE					<u> </u>	<u></u>		ļ	<u> </u>			1.0	-1-
ENE		1										1	
£								<u> </u>				3.5	-
ESE		-2.4	1.5		<u></u>	ļ	<u></u>		<u> </u>			5.8	-
SE		2.1	1			Ļ	ļ					10.4	
\$5E		7.5	3.6	1.2	3				<u> </u>	ļ		14.2	- 6.
<u> </u>	1.0		1.6	-1-1					ļ			-4-3-	-
25W	- 7-8				ļ		ļ					2.3	-2.
5W							ļ	 	<u> </u>	L		2.6	
wsw						ļ	 		ļ				_5.
					<u> </u>							1.5	_2
WHW		1.4			 	ļ	 		 		<u> </u>	2+3	
NW			1.4		3	<u> </u>	 		 			3.4	
NHW		2.4	7.0	-1-4	1.1	3	ļ				ļ	11.5	9.
VARBL											Ļ,		
CALM	><	><	><	> <	><	><	> <	> <	><	><	><	29.3	ļ

#U.S. GPO 1984.741:348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ATION	LEMI	SET. CA	STAT (O)	MARK			13-83		 ,	YEARE				A ? .
		_				ALL VE	ATHER							1 T 5 (L 5 T)
		-				CON	SITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	44 - 55	≥54	*	MEAN WIND SPEED
	N		1.2	- 3-2	1.6								12.3	5.2
	NNE	, ,	1. 7	1									2.3	5.5
	NE	, ,											2.0	2.3
	ENE												2.5	1.5
	•	2.1	7.6										8.5	4.0
	ESE		1.3	2.3									4.5	5.7
	\$2		8.2	1.4	1.3								9.1	hal
	\$\$E		غمل	2.9	1.5								9.1	2.1
	8	` 3	2.6		1.5								5.5	5.0
	SSW	7								L				7.5
	sw	•							<u></u>		<u> </u>			7.5
	WSW						<u></u>						105	Tali
		10.			L			L					lat.	3.5
	WNW		-3	1.	<u></u>					<u> </u>			1.2	5.3
i	NW	1-1		-lot	1.6								_ نحت	7.8
	NNW		2.3	3.4	2.6	1.5			<u> </u>	<u> </u>		L	1107	203
	VARBL			<u></u>						<u></u>				
	CALM		\sim	\sim	\sim	\sim	\sim	\sim		\sim	\sim	><	17.2	Į

TOTAL NUMBER OF OBSERVATIONS

MUS. GPO 1984 741:348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR. N NME NE ENE E					711 HE								1 &
(KNTS) DIR. N NME NE ENE E						MHES						HOVI	ક તે
(KNTS) DIR. N NME NE ENE E	-				CON	IBITIQA							
NNE NE EME	1 - 3	4.6	7 - 10	17 - 16	17 - 21	22 · 27	28 - 23	34 - 40	41 - 47	44 - 55	≥56	*	
HE EHE E		4-1	7									13-6	
3HB	1 2	2	1.1										L
	1.3	2										2.6	П
	1.1	1.1										3.2	Γ
	1.6	1.1	1.3									4.5	
ESE	1 3											5.6	Г
34		2.1	7.6	1 - 7								7.1	Г
558	1.	, 4	2.3									4.5	Γ
3		7			,							1.0	Γ
35W	1-1-			,								1.0	Γ
SW													Γ
WSW		,		1								1.6	Γ
w				- 2									Γ
WHW													Г
NW	1 4	2 7	1 0	1.5								7.1	Γ
NWW	2.2	7 3		2.6								10.4	Γ
VARBL			-									1	Γ
CALM	$\overline{\mathbf{x}}$	$\overline{}$	$\overline{}$	$\overline{}$	> <	\sim	$>\!\!<$	$\overline{}$	$\overline{}$	\sim	$\overline{}$	70.1	Γ

TOTAL NUMBER OF OSSERVATIONS

#US GPO 1984-741-348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LEMAG	EL, CA	STATIO	I MÁME			13=32			TEARS			- -	MONTH .
	-				ALL iil	ATHER						HOUE	I C
	_				con	OLTION .							
SPERD (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - 55	≥54	*	MEAN WIND SPEED
N	٠.,	203	• • •									SAR	3.7
NNE	1 . 1	1.6										7.5	3.4
NE	- 1	7											3.3
BME	1	. 7	. 7									106	346
	1 - 2	2.5										4.5	3.4
ESR	7. 2	1.6	1	1.0								6.03	5.2
94	2.2	4. 7	1.0									9.5	4.8
35 2	7.9	2.3	1		,							7.1	5.3
3		1 . 7	1.0									5.2	9.7
SSW	1	1.:	1.0									2.9	4.9
SW	. 3		. 1									1.0	b.C
WSW	1.5	6										2.3	3.3
w	4.7	1.5										5.5	3.1
WNW	2.4	1.6	Y									9.5	3.4
NW	1.3	3.3	1.6	3								7.1	5.6
NNW	3.0	2. 3	1.6	3								8.7	9.5
VARBL													
CALM	> <	> <	$\overline{\mathbf{x}}$	\sim	\times	\bigvee	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	23.5	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

TOTAL NUMBER OF DESERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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					<u> </u>	A HE D						
	-				COL	HD1710A						
SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N												lef
NNE		Ž.			[
NE	, .											1
ENE												
ŧ	ت د د	1_9										3.5
ese	3.2	2 2	1.1			L						7.7
SE			1									4.5
388		2.5			3				L			
\$		2	1.7	1.1		<u> </u>	<u></u>		1			6.
SSW	1.5	11	- 3		<u> </u>	<u> </u>						-3-5
SW	1	-1-1				<u> </u>	<u> </u>					2.5
W\$W	3 6		1.			L	l					5
w	2					<u> </u>	ļ					1100
WNW	2	4.2		1	<u> </u>	<u> </u>	ļ					7-1
NW	1 -	3.5	100		L		!	L				6.4
NHW	1.2	2	1.5	1		<u> </u>	L					- 4 - 4
VARBL					<u> </u>	Ļ	L					1
CALM											<u> </u>	24.5

120 C

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

The same of the sa

SPEED (KNTS) DIR. DIR. NINE NINE ENE E E E E E E E E E E E E E	1.3	4-6 2-1 1-2 2-8	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - \$5	≥56	% 2.± 1.5	ME WI SPI
NME NE EME E SSE SSE SSE	1.1	1 2 4	1	1								2.4	3
NE BNE E SSE SSE	1 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	1.2	1									2.4	3
ENE ESE ESE SE SE		1.3	-1									7	-
() () () () () () () () () ()	7.3	1.3										7	. —
134 54 54	7.7	2.6										~	
SE SSE				i.					}	1		4.4	
888					!	{						505	
		3-1	1.4	4	. 1							Reu	5
	2.8	2.7	2.5	1.0	2							6.4	
• 1	2.3	2.2	1.1	- 6									-6
SSW	1.1	7	- 2	1			1			1		2.3	
sw	1 . 2	. 4	- 2							1		1.7	
wsw	1.1	. 5	- 2							 		2.3	4
w	7.6	1.3								tt		9	
ww	1.7	1.7	-2	-1						 		3.6	
NW	1.6	2.5	1	. 7	2					 		200	
HOW	1.9	2.1	1.2	1.1		a.C				1		7 . 8	7
VARRA	-443-					-				 		1	
CALM	\times	\times	\times	>	\times	> <	> <	> <	> <		> <	25.4	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	STATION HARE	73-42	YEARS	- F F F F F F F F F F F F F F F F F F F
		ALL SEATHES		NOVER (L s 7
		COMPTYION		

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	46 - 55	≥54	*	MEAN WIND SPEED
×	- 1 - 1	1 . 1	7										5.4
NNE	4								I			. 7	
NE	. 7											1.1	
ENE												.,	
	7 (.	, ,										5.3	1.
ESE		24	-										N
SE			, ,									A . 1	
35E		1 (,									5
3	7-1	1	2.5									6 6	5.
ssw				101									
SW											· · · · · · · · · · · · · · · · · · ·	1	
wsw	. ,	. 7			<u> </u>	<u> </u>							2.
w		4	••									11.7	
WNW	***											5.7	3.
NW	701	2.5			† — — —		† — — — — — — — — — — — — — — — — — — —					4.0	
NNW		2.5	1 0	·	. "	<u> </u>						7.8	7
VARBL		405				 			f			7.08	7.
CALM	>>	>	>	>	> <			>	> <	\sim	>	24.5	
	30-5	26.2	11.0	1.3								120.0	1

#U.S. GPO 1984 741 348/201

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL PE	LASS		· · · · · · · · · · · · · · · · · · ·	·			
					(9)	1917104						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N		> .										5.
NNE		1.1				L						1
NE												
ENE		1.1				L						1.
E		1.1										3.
ese	2.3	2.1	7									5.
SE	1 4 35	7.3										*
\$88	, .	3.5	1.4									Ţ,
	2.1	2.5	LAE									6.
\$5W	4.5	104		1								5.
SW_		-1-1							<u> </u>			2.
WSW	- 2-2	2. r										5.
_w	-3-5-	-305										مقا
WHW		_2.5_										مئ
NW				-7	- 49							_5.
NHW		2.1	1.1	1.6								-
VARBL						<u></u>						
CALM												22.

TOTAL NUMBER OF DESERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		YEARS	F C ABORTH
	·	ALL MEATHER		HOURS (L S T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N		1	1 1									3.3	4.0
NNE			/3									7	4.5
NE												1 1 1	2.3
ENE	7												4.3
E	, ,	2-1										3.2	7.4
ESE	***	1 2	1.						1			3.2	4.5
SE	1 2	7.2	2.5	,								8.2	
SSE	- 2. 1	7 7	1 1									, ,	No.5
\$		2.5	1 1	- 14	h				1			7.4	
SSW	3 3	1	***							1		5.0	3.6
SW	3 6	1 4	-						1	-		3.3	
wsw	7.7											1.4	3.2
w												11	
WNW		2.5	· ·		**				 	 		5-64.	3.5
NW		7 . 5		- 7								4-1	1
NNW			•	,				 	 			7-6	4+7
VARBL		2.5	1			 				 		1 - 1	
CALM	>	>	\times	>	>	> <	> <	> <	>>	\times	>	79.4	
	23.2	27.3	6.0	2.8	2							المحالية المالية	, ,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITA	1	<u> </u>	STATIO	HAME			73-F7			YEARS				PONTH
														10
						<u> </u>	LASS							8 (6 8 7
		_												
						COL	B17104							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
1	N	1	2.1	3 ."	1.8								£.	7.5
[NNE		1.:										2.1	3.3
- (NE					<u> </u>								
[ENE		7										1.1	4.7
[Į.	7	- 1								L		3.2	2.5
	ESE		,	1									7.1	تمخا
	SE		2	7						<u> </u>	<u> </u>			6.5
L	358	1	4.5	3.5	7.1								1402	بمط
- [2.5	1.2								i 	9.	4.7
ļ	\$5W	<u> </u>	7							L		<u> </u>	ine	ا ما
L	SW	2			- 4						L		1.4	د م
ı,	WSW	1-1-1								<u> </u>	L		2.1	7.0
į,	W	1	1.1										2.5	3.0
- 1	WNW	المنا	1.	1.1		<u> </u>					L		3.2	كمك
- 1	NW	1	3.5		1-1					<u> </u>			7.1	5.0
- 1	NNW	100	3.3	2.2	3.2	-7	-1-1				<u> </u>		13.1	المقال
Ĺ	VARSL	<u></u>						 ,		<u> </u>			}	
- 1	CALM		><	><	><	\sim	><	\sim	> <	><	\sim		14.5	

TOTAL NUMBER OF OSSERVATIONS

1.10-

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO	* ****			11-2/			EARS				Вити
	-				-61 -46	Mai Mes						HOUR	11.1
	-				con	DIT ION							
SPEED (KN75) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥ 56	*	MEAI WINE SPEEL
N			4.3	2.5	1.4							16.	
NNE													
NE	1			<u> </u>		<u> </u>						3	
ENE	1		<u> </u>	<u> </u>			Ĺ						٠.
E			<u> </u>	<u> </u>		Ĺ	<u></u>					7	- 3 -
ESE		7.1	1.4.	Ĺ									
SE		3.1		2.								5.4	1
SSE	1			1.4								4	
\$		1				L						7 6	مقد
ssw												1 4	
SW						L						1.00	_ ï.
wsw												1 .	7.
W							L					,	
WWW		1	1	1			L					1-4	
NW		1.1		1 "								3.6	
NNW		2 .	1	1	1-1					Ì		15.1	_ 5.
VARBL													
		$\overline{}$			~ ~	~						14.	

TOTAL NUMBER OF OBSERVATIONS

1200

2 B.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION MAILE	YEARS	F (2 HONTH
	سلط من المناسب	A PE	HOURS (LS 7
	CON	NTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 54	*	MEAN WIND SPEED
N	1.1		7. "	1.9								20.2	7.3
NNE	24	1.4	7	7								5.7	5.43
NE			- 4									2.8	7.5
ENE	1.1		-7									2.5	4.4
E		1	1	t								7.1	4.5
ese		1.	7.0									7.5	3.
SE		3.	2.1	2 . 1								3.9	7.4
SSE		3."	1.1									A A E	6.1
\$		1 - 1	1 - 1	1.1								5.3	6.1
SSW				. 44								1.1	5.1
\$W		. 4	, ,	. 7								2.1	5.3
W\$W									ļ				12.0
w				. 43									140
WNW	3 - 1		- 4									2.1	Zai
NW	7	1.5	7	. 7								3.5	7.1
NNW		2.0	5.5	1 . 8	- 44							A 9	7.5
VARBL													
CALM	><	\times	\times	\times	\times	\times	$>\!\!<$	\times	\times	\times	>	16.4	
	27.2	24.5	21.5	12.4	. 7							100.0	: _ :

TOTAL NUMBER OF OSSERVATIONS

#US GPO 1984 741 348/201

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION HAME	71-n;	YEARS	E E D
		ELDE ME 2		HOURS (L.S.T.)
		MOITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	T "	4 - 3	3 - 11	. 7	is							17.4	. 14. 7
NNE	1	7										2.1	2.3
NE												7	3.5
ENE	1											1	2.4
E	1	, ,										2 5	7.6
ESE	, ,	3 6										5	3.6
SF		2	7										
SSE		1	,									5.7	4.5
5		, ,	, ,		7							0	5.1
SSW			1										4
SW	7		,									1	h . 6
wsw												2.5	4 3
w												7.5	3.3
WNW								<u> </u>		1		3.2	1.3
NW			7					 					5.2
NNW		2										9 - 1:	5.7
VARSL													
CALM	> <	> <	\supset	> <	> <	> <	\times	\times	\boxtimes	\times	>>	22.7	
	30.4	26.6	11.3	7 (, ,							100.0	3 4

TOTAL NUMBER OF OBSERVATIONS

- PERCENTAGE FREQUENCY OF WIND

- Sm

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

منا ـ	473 <u>87.</u> C	STATE	DI NAME			71-ar			YEARS			<u>_</u>	101
					14 - 15	ATHER						HOU	2 100 (
					COI	HBIT1011							
SPEED (KNTS DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	46 - 55	≥54	*	
	1	7	7									2.3	Ť
NNE	,											Liai	Ī
NE				I									Ţ
ENE													Ι
£		1.1	,									2.4	Ι
ESE		7	1.4									2.2	Ι
SE	7	1 2.1	1 7	7			<u> </u>			li		6	Ι
SSE	1	1	1			<u> </u>						200	1
		2,3	1.4	7								7.4	1
\$5W		2.1	<u> </u>	<u> </u>			└	<u> </u>				3.5	1
SW		7.8	7	ļ		<u> </u>						7-1	1
WSW	<u>' </u>	5-4				<u> </u>	<u> </u>					9.2	1
w		10.2	<u> </u>	Ļ			Ļ		L	L		17.0	1
WNW	' ? . i	5.5	<u></u>	ļ								7.8	1
NW	<u></u>	1.3	1.3	2.1								4.4	1
NNW		2.5	2.5									4.7	ļ
YARD		+	 										ļ
			_	_	_	· _	_	_	_	_		1	

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TOTAL NUMBER OF OSSERVATIONS

3MO8

¢U.S. GPO 1984 741 348, 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CON	DITION.							
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN
N	2.3	7.1	2,2	1-3								5.1	
NNE	1.2						 	 		 	<u> </u>	2.3	-
NE				<u> </u>					 			 1.2	1
ENE									 			╫┈╂╼╇┈┤	
E	- 2.4	-++-			<u> </u>			 	 	ļi		#_###	-3.
ESE			1.0					ļ		 		∥ 	-
#		2.2	1.5						 			 7-3-	4
558	**	-2-7		7	ļ	 				 		6.9	-5
-\$	لنوف						ļ			<u> </u>		7.8	
\$\$W					 -	ļ						2.4	-3
\$W						ļ		ļ				2.1	-
wsw		-+-					 	 	<u> </u>			3-5-	- 3
_w		3.2				 			 			 	-3.
WNW		-2			<u> </u>	 				 			-
NW		-2++	1.1			 		ļ		 		*	-
NWW		-2.4-	1-1-2	1-3						 -		3.0	
VARBL								<u> </u>		_		 	<u> </u>
CALM	\sim	\sim	\sim	J >< 1	\sim	\sim	\sim	\sim	\sim	\sim	\rightarrow	20.1	l

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	HARE			13-2		,	TEA ME				I ON TH
	_				عد الم	A THE TO							<u> </u>
	-				CON	I DI TION				-			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	2 - 6	1.2										5.1
MME	,											1.0	1.0
NE												1.3	
ENE	1	1.0										1.3	7.8
	. 6											1.6	1.2
ESE	2.1	1 5						i					3.5
34		1.3	3									2.6	7.0
348	1.1	LAA	1.7									2.5	5.5
	1.7	1.2	- 3	1.5								5.3	5.9
35W	1 . 1	į.										3.2	1.9
\$W	1.3	1		<u> </u>			Ĺ				<u> </u>	3.2	100
WSW	3.5	1.0				L						6.5	1.6
w	6.5	4.8								L		11.6	
WWW	1.2	A . A							<u> </u>		<u> </u>	4.4	403
NW	1.3	4.5	2.1	فدو		<u> </u>	<u> </u>		<u> </u>			تتمع	.6.5
MW	3.5	7.3	3.2	1.1			-3		<u> </u>			12.5	5.4
VARBL													
CALM			$\overline{}$									17.7	[

TOTAL NUMBER OF DESERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				41 46	Winte-							n a
	-					CAMP			<u>-</u>			MOUR	S (L S.7
	-				604	ID-17100							
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	49 - 55	≥ 56	%	ME. Wil
N		2.6	1.1									- 6-1	
NNE													
NE			,									7	7
ENE													-
E	1.7		1									3.5	-
ESE	100											3.3	
SE			, ,		,		·	1	1			7.7	4
SSE	-											4-5	
\$		-	7	4									
SSW			,										
sw	, ,	1 6	7										1
WSW							r					2.3	
w	<u> </u>											1.7	2
WHW	4 2	10	1									0.0	1
NW	7.5		1	4	,		[10-6	5
MW	2 :		7 (1 1								12-3	1 -
VARBL		- 34 3										1403	-5
CALM	$\supset <$	$\supset <$	> <	> <	> <	$\supset \subset$	> <	> <	$\supset <$	> <	> <	71.3	
	71.0		-10-0								<u> </u>	120-2	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2

2 7 1 1 STATION	TEAL.	BEF. CA	STATIO	NAME			13-37			YEARS				A C HTHOU
		_				TT PE	ATHER							GT ECLET :
		-				COL	LD17iOH				_			
	SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
	N	ر ،	1	- 4	- 6								6.5	5.9
	NNE	7		. 3									1 3 - 3	3.5
	NE							1					-6	4.5
	ENE			. 7									4.	5.5
		1	1.										3.2	1.7
	ESE			1.0	. 1								205	5.4
	\$12	2.3	2.6	- 6		- 3							5.6	4.9
	388	1.4	1.3	. 6	. 3								7.9	5.1
	8	24.2	1.6		3	1								6.9
	85W	, , ,	1 2										3.2	1.4
	\$W	1.3											1.5	1.2
	WSW	7.2	7			<u> </u>	<u> </u>					<u> </u>	3.5	2.5
	W	7.5	2.6				<u> </u>			<u> </u>			601	3.2
	WWW	4.5	3.3	- 3		<u> </u>		L					8.7	3.7
	NW	3.2	5.2	3.3		<u> </u>				<u> </u>			12.9	3.5
	NNW	2.0	3.2	2.3	1.6			ļ		ļ			inen	6.5
	VARBL					L	ļ	<u></u>		<u> </u>		L		
	CALM	\sim	\sim	><		><	> <	> <	><	> <	> <	><	23.5	ł

TOTAL NUMBER OF OSSERVATIONS

AU.S. GPO 1984.741 348/201

SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		SYATIO	I MARC					,	YEARS			•	MONTH
	_				<u> </u>	¶} H£⊃						100 8	d (C.
	-				CON	IDITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	29 - 33	34 - 40	41 - 47	40 - 55	≥56	*	AA VA Si
N	2	3.2	4 6	3.5								17-1	
NNE	7	1.0											
NE	1 - :											1.5	
ENE	,											,	
ŧ												1.5	
222		1.6	1									2.0	
\$2	7		1 . 2									7.7	
\$3E		9 2	2 3		- 3							13.1	
\$	1.4	2.1	2.4	1.1			Ĺ					4 . 4	
SSW			,	_ • • •					<u> </u>			1.2	
SW									L				
W\$W			3			L			<u> </u>			1.0	
W		1		<u> </u>				<u></u>				1	Ļ
WWW		1		ļ			ļ		<u> </u>			3.2	lacksquare
NW	1.1	1.	2.6	1-3-	1.3				L			4.4	<u></u> 9
MMW	2.3		-3-1	3.0	1.4		L			ļ		21.3	والم
VAROL		لينا											L.
CALM												8.1	1

-

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CÓS	DITION							
	_									 -			
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	44 - 55	≥54	*	
N	2.3	1	. E. a	1.1	1.3	7						16.3	Ī
NNE	1.3	2. 3		3								1 - 5 - 2	Τ
NE	1.0	1-12										1.3	Τ
ENE		1.1	!									1.6	Ī
1	1.00	2.1	1.0									4.5	Ι
ESE	3.3	1.6	1.3									8 "	Ι
SE	1.7		1.6		3		ł					4.5	Ι
562		2.4	1.0	1.3								6.5	I
\$	-	2.5	3.2	2.1				L				10.1	1
\$\$W		1.1										1.9	1
SW			1.~				<u> </u>		<u> </u>			109	1
WSW			,	L		L	L	L		1		حمنا	1
w		3_		- 3								1.6	1
WNW	1.7	1.0										2.5	
NW		1.6	2.6	1	-3		<u> </u>	<u></u>	L			5.0	1
NHW	7. 7	3.5	E P	3.2	2.5	- 6						1844	I
VARBL				1		l	1					1	ľ

TOTAL NUMBER OF OBSERVATIONS

SMOS

" <u>"</u>

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION NOVER	2 STATION	ten mine erarion mine		YEARE	
COSTANT FOR			ALL WATHER		HOURE (C S T)
		***************************************	CONDITION		
					

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA! WINI SPEE!
N	5	ε,	5.4	4 . 3	1.6							25.	5.
NNE		_ 2 .	2.4					L				5.4	5
NE		, ,	7									2-2	-4-
ENE	1 2		1.0				[5.
8	-	3	4	3								7 1	14
ESE	-		1 5	3								6 3	
SE		1 0	1 /				·						-
SSE		1.0	1 2						1			7 6	- \$
3			2 0										
SSW			***	1.0				1	1			2 3) _ `
sw												1	7
wsw								1	1			1	12
w				7.4				 	 			-	+4
WNW			,			 		 	 			1	
NW			4 12	<u> </u>		 		 	 			-	
NWW					+3	 	 	 	 	 		1 1 2 2	-
VARBL		307		- 1.5			 	 	 	 		13.2	 -
												†	
CALM												7.4	

TOTAL NUMBER OF OSSERVATIONS

. 7**0**7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 7 1 1 STATION	CT N SORE . CA STATION NAME	73-5: YEA	N6	MONTH
		E A I list 12		HOURS (L S.T.
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N		4.5	1.3	1.4								15.	Sal
NNE	1.6	1.7	-3	-3								4.7	4 . 1
NE	,												3.0
ENE	1.												3.3
E	3.4	1.3										3.5	3.6
ESE												2.5	5.8
SE		1.3		3								7.2	1.3
388	2.2	1.3	1.7									2	4.7
\$	1.1	1.4	3									1.5	2.6
\$5W_						_ 3			l			3	3.6
sw		1.0	1.3					Ĭ <u> </u>				2.5	2.46
WSW		, is	7	. 6								و و ا	7.7
w	1.5	1.5	1.7									3.2	5.2
WNW	1.5	2.2										4.5	1 5
NW	2.3	7.1	1.6	1.5								12.3	5.6
NNW		7.0	1.3	1.7								16.3	4.6
VARBL													
CALM	$\geq <$	\times	$\times\!$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$>\!\!<$	><	15	
	27-1	85.8	13.7	7.1		,						108-0	м. Б

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME STATION NA

SPEED (KNTS) DIR,	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2											7
NNE												1-3	3
NE													
ENE					[E a i
	, .		. 7									1 1 2	4.5
156	,		,									1 -	3.3
54		7,7	, .									4.4	
SSE		1	,	,									4.5
\$		-	, · · ·										6-6
SSW		,										3.6	4-6
SW	7	,										44 - 2	4.5
wsw	, ,	***	, ,										1
w	()	9 1										10.3	3.5
WNW	,	1. 1.		3								10.0	4 2
NW		- 1		1								11.6	- 6- fi
NNW	-	2.1	4.4	1	,							7.4	3.6
VARBL			1						<u> </u>				
CALM	><	> <	> <	> <	\sim	> <	> <	> <	> <	>	> <	11.7	
	22.2	10.5	34.5	4.5								1.32.5	

TOTAL NUMBER OF OSSERVATIONS

SMO

SOE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

													-
	-				Ali di	ATHET				_		HOUR	1 1 1
	-				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 35	≥ 56	*	MEAI WINI SPEE
N	,	2.4	3.7	1.6	i i							11.	7.
NNE		1.3	e					Ĺ				3	-4-
NE												1.7	-
ENE												1 -	. 4.
£		1										3.4	-
ESE		1.2		2								3.7	مغذ
SE	1 0 0	2.1	1		1							5.1	5.4
348	1.7	1.5	1.3	. a	- 1							3.06	6.
\$	1 4	2	1 . 2	2								t. a i	ه ذ
SSW	1.5	7										20%	5.0
SW	1			,				I				7.1	
WSW	1 0 4	. 6	- 43									3.0	5.
w	1	2.5										6.45	1
WNW	`	3.0				.:						4.4	4
NW).:	4.3	2.45	- 6								9.0	٠
NNW	3.7	9. 2	3.7	2.1	Á							144	1.6
YARSL													
CALM	>>	$\supset \subset$	$>\!\!<$	$\supset \subset$	> <	$\supset \subset$	> <	> <	$\supset <$	\times	> <	14	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WIND!

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	STATIO	4 KAME			11			YEARS				IONTH
					<u> </u>							1 1 1
				•							1001	
				con	DITION							
SPEED (KNTS) 1 - 3 DIR.	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WING SPEEC
н , ,			- 7								11.2	
NNE ,											7	
NE	,										7	
ENE .											,	,
E												3
ESE ,	,										-	-
SE			·									-
\$SE .		,										5
S	1										2.7	4 -
ssw ,	,							,				3
sw ;												
WSW	1 -										£	
w	, ,										13.5	۲.
WNW	2 2										5 7	1.
NW	3.		1	1								
NNW 7.7	2.7	6	1 - 7	-							7 7 7	
VARSL												-
		$\overline{}$	$\overline{}$							$\overline{}$	11	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Sam to

	<u></u>	STE STA	STATIO	HAME			1 1 + p :			YEARS				IONTH
		-				ملك خاتو	A THE T							() () () () () () () ()
		-				con	ROITION							
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
t	N	3	7	7.7									5.7	
	NNE													10.5
	NE												-	
	ENE	- 1	. 7										1	ia - 7
	E							ļ		1			,	
	ESE		· · · · ·										7.7	Y . 4
	SE	,	1 . 7		,									
	SSE												1.0	3.3
	5		1 - "	,									E.	4.1
Ī	35W		1.										2.1	1. 1
r	SW		1										7	- 4
ľ	WSW		1.7										4.7	
	W			. 3									10.1	1,5
•	WWW		5.2										7 . !	4.4
•									,				1	

TOTAL NUMBER OF OBSERVATIONS

17.7

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CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	47-32	YEARS	10 S
		Edd HED		HOURS (L.S.T.)
		ORDITION		

SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
N	7		1-3	1 - 7								3 2	- 4.4
NNE									<u> </u>				5
NE			,									7	4-5
ENE	,			}]		,	7	2.1
ŧ		7										7.1	5.1
ESE												1.7	2.0
SE	, , ,	1	,									1.7	4
SSE	, , ,	, ,		,									1
5	1	, ,	,	•								4	4.2
\$5W													5.4
SW	 - :	1								ļ — — —	,	1	
WSW		1 4					<u> </u>				·		
w	,	***	—								<u> </u>	7	
WNW		1 7 7	· · ·	,				 	 	 	<u> </u>	3.0	
NW			· · ·					<u> </u>	 	 	 	11	
NNW			 •••	3 3	7	,		 		 	 	18-7	
VARSL	 	 - *• ^` -			 • • •				 	 	 	+	
CALM	\sim	\times	\times	\geq	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	>>		17.7	
	. 7 .	- X in (1)	17.7		,	,						200.0	2.4

TOTAL NUMBER OF OSSERVATION

SMOS

\$US GPO 1984 741.348

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 500

STATION	ـ تنت	ict, tA	STATIO	# M.M.E			13=32		 ,	YEARS				P:
		_				عدد جزو	A THE 2							1.0
		-				cos	(BITION							
	SPEED (KNTS) DIR.	1 - 3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N		5.2	11.7									26.0	Sa !
	NNE	1 7	4	-	7								8 - 7	6.5
	NE												2.5	3.3
	ENE												2.	Lai
	E	1 7	· ·										2.0	2.1
	ESE			-									2.5	4 5
	SE		,	1 .	3		1			1			2.5	7.7
	\$SE	, ,	γ	1 5	,								3.7	5.7
	8			,	1.3	1							5.7	A.A
	SSW	-	1										1.2	4.5
	SW		,				,						1.3	
	WSW		7	,	,					<u> </u>			17	5.5
	w	, ,	1 . 1										2.7	3.9
	WNW	1 2	7	7									1	4 5
	NW			3	1.7								11.1	7.8
	NNW		5.	7.0	7.0	7.0	1.0	-3					22.7	11.0
	VARBL			1					1		I .			
	CAU		$\overline{}$		$\overline{}$				\sim	\sim	\sim		5.0	

TOTAL NUMBER OF OBSERVATIONS

100

SMO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LENGTE, CA	STATION NAME		YEARS	- ARTH
			AFF NEWS		HOURE (LET
		·	CONSTRON		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1. 7	. i 7	1.1.0	4 - 7	7							23.	
NNE	-2.	7 :	, ,									4. 7	_
NE	1 1	7	7,,	-,3									
ENE		•	**	-								7	
E	1.		**						1			II I	**
ESE	, ,											2.1	•
SE	1	, ,	10.	,						1		11	-
SSE	1	**	1 7	+3								3-3	
5	7	***	1 1 1	* 3							·	****	**
\$5W	•	10.5	,	+ 3								3	***
sw	1	1.		1								4+3	7
wsw			• 7	- 4								2-3	•
w												1-5	3.
WNW	- 1 • 3	1 3	- 7									7 * * *	
NW	7	1 + 3										3+7	**
NNW	7	2.3	7 . 7		1.0		<u> </u>					F-8-3	-
VARBL	1.	-7+-}		7.7	544	• •		<u> </u>		-		33.3	*
CALM	$\overline{}$	>	\sim	>	\sim	>	>	\geq	\times	\sim	>>	4.7	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- See-

		e in i rom mage											
	-				ALL HE	A THES							16
	-				col	IBITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W SF
N N	1 7.7	7.7	1101	11.7	-	 			 	 		34.3	•
NNE	7.7	7.1	1	.7				T				9.7	_
NE	7	, ,	1 7									1.1	5
ENE	,		. 7			1						3.4	4
E		1 , ,										3.3	
ESE		1 7										1.7	5
3.5	7	7	,									1.7	,
SSE		1 2 2	. ,		- 3							2.3	i i
3	1	2	. 3									3.00	
SSW		7	,								1	1 - 3	5
\$W		7	7	7								2.0	S
WSW	3		2	1.1	7							2.7	111
W		3	7	1.3	3							2.7	12
WNW												1.3	
NW		1.7	7.5	1.0						L		6.7	1
NHW	عمد	2.7	5.7	5.7	2.5	,		L				17.3	110
VARBL										<u> </u>			
64114												7 7 7	1

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TOTAL NUMBER OF OSSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BYATION	PYAYNOR HARK	73-32 Y	LARS	- LD 7
		Aluer		HOURS (L.S.Y.)
		DITION .		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4 2	13.2	,									312	- 4
SHN													- 1-
NE		1 3										2.7	3-4
ENE	· • • • • • • • • • • • • • • • • • • •	7										1 7	4
	2 7	1 7										4 7	2
252	, ,	***]				,	1.5
SE	,		,									,	
SSE		,	,				L					1.0	- 5
\$, ,	,	-										
SSW		•		Y								,	7.4
sw		,	, .,	7								3./	
WSW	,	, ,	2.7		,							9 7	9
w	• • •	,		- 7									
WNW	78.	-	-	- 3								2.7	-6-
NW	, ,	4.3	2.1	3 4 3					i			10.7	
NHW	, ,	15	6. 2	2	<u> </u>							24.3	
VARBL		***	-	***					I				
CALM	>>	\boxtimes	> <	\times	\times	\times	\times	\times	\times	$\supset <$	> <	3.7	
	21.1	47.7	25-7	5.3	1-0							100-3	h .

TOTAL NUMBER OF OSSERVATIONS

-c-

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ــــــــــــــــــــــــــــــــــــــ		STATIO	-			4-4-4-			YEARS				HONTH
		_				ALL DE	ATHES							22 8 (6 8 7 -
		_												
		-				ćes	IBITION							
	\$PEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 · 40	41 - 47	48 - 55	≥36	*	MEAN WIND SPEED
	N		3	1.7	, ,	2							5.7	3.4
	NNE]]						4.0
	NE													7 . C
	ENE													
														2.5
	ESE		-										7	1.0
	SE		7				1]					,	4.5
	SSE		, ,							_			1.0	8.0
	5		1, 2	~									2.3	4.1
	SSW	1,,			<u> </u>			i					2.7	3.0
,	SW	, ,	1. 7	- 3	- 3									4.5
	WSW	1.7	2	1.7									5.0	4.3
	W	4.7	0.										14.7	4.2
	WNW	2.7	35.0	2.3									15.7	5.6
!	NW		11.7	7. ^	. 2.5	. 7							23.5	5.5
	NNW	- 7	5.03	7	1.7								15.7	7.2
	VARBL													
	CALM	\boxtimes	$\supset <$	\times	4 .									

TOTAL NUMBER OF OSSERVATIONS

\$MO8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	_ LAL		STATIO	H HABE			/4=4/			YEARS				louts
		-				4 <u> </u>	MINE.						- 101	- (C.9. τ.)
		-				cee	IBITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	2	4 .	4. 1	3.2						 		19.7	7.2
	NNE	1 2	1.5	3 5	70.2								3.6	6.2
	NE		7	7									1.7	4.4
	ENE			1									1.2	3.4
	E		7	•									3.1	3.1
	ESE	3											1.6	9 - 5
	SE			- \$	_ 2								1.3	5
	SSE		1.0	- 6		-0							2 - 2	8.6
	\$	1	1.2											5.0
	SSW			- 7									2.1	5.0
	SW		٠	3						L			2.2	5.6
	wsw	1	1 2		1			<u> </u>					3.4	5.5
	w				- 2		<u> </u>	<u> </u>	L				7 - (:	4.3
	WWW	1	3.4		<u> </u>			<u> </u>					6.5	4.9
	NW	1	6.7	3.3	1					L			14.2	6.8
	NWW	1.7	7.5	-6-1	3.2			د		ļ			12.7	8.3
	VARBL						Ĺ,	<u> </u>			Ļ		L	
	CALM		><	><	><	><	$\geq \leq$	$\triangleright <$	><	><	><	$>\!\!<$	e.?	
										T				

TOTAL NUMBER OF OSSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

تنافتنا	هت حقند	STATIO	NAME.	 -		<u> </u>		,	YEARS			
	-				TI NE	ATHER						WOV
	-				COL	19171011						
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*
N	1	11-6	7.4	1.2								21.5
NNE												1.6
NE	1.1											1.0
ENE	, <u>, , , , , , , , , , , , , , , , , , </u>											
ŧ					L							1
ese	, ,								L			1.1
SE					<u> </u>							
85E						L			<u> </u>			1
	خمصا							ļ	<u> </u>			1.5
\$5W	1-1-1-			<u> </u>								-lat
SW				ļ	ļ	ļ	<u> </u>	 	ļ			
WSW	1-1-	النجلا				ļ	ļ	 	ļ	l		تەن_
W	1.	1.6		ļ			 	 	 			تمت_
WNW	3.2	2.4	-1	 	 	 	 		 	 		↓_7 0÷
NW		- 	-4-11-	1.3		 	 	 	 	 		17-1
NHW	-2-5-	11.9	-4-4	- 4.2				 	 	 		-27-1
VARBL					—							
CALM	ı 💙			,						\sim		10.0

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					41.5 4€	TA TES						HOVE	11.E
					ÇO	NOITION							
SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	!
N	1	3	7.2										
NNE		7						<u> </u>					Γ
NE		1				I							
ENE												1	П
ŧ	-												Т
ESE													1
SE	1	7										1.0	1
SSE		1											\top
\$	1.5								<u> </u>				\top
SSW		1.00										1	\top
SW	1 :	1 .		T								1	
WSW	7. 3	1 3								1		3.5	
w		10		i					<u> </u>			+ +	T
WNW		7-1	, ,	†	†				<u> </u>			1106	t
NW		70	-		1		1						†-
NNW	—	1704	-	T **		 			† — —			230-	T
YARDL		1 ***	7.4			 	 	 	1	1		18-7	+

TOTAL NUMBER OF OSSERVATIONS

S. GPO 1984 741 348

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FINGS	<u> </u>	STATIO	NAME			78-5			TEARS			<u></u>	SONTH .
		-				भा नह	ATHES LASS							-, \$ (C \$ F
		-				COH	B1 T101 1							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	. 2.44	5.4.2	_F_>	1.2								1400	
	NNE		. 6		,						 		2.3	1.
	NE	- 7									1		. 1	
	ENE	,											1.2	
	ESE		, ,											3.
	SE		2										1 .:	3.
	SSE	2											4	
	8			,									1 3	
L	\$5W	7												7.0
	sw													
_	WSW	1.1											200	
-		2.4	1.0	<u> </u>	L						ļ			نمت
<u> </u>	WNW	1.6	7.1	2.4					L				1101	5.
<u> </u>	NW	2	C. 7	7.7	1.3		-3					ļ	2106	
_	NNW	1.6	7.	11-3	5.5	4.5							27.	ومد
	VARBL													
- 1	CALM												4.:	1

TOTAL NUMBER OF OSSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BYATION	_ [" 44 i ii) - 	STATIO	N NAME			****		•	TEARS				Antin .
		-				در	W HE						HOVE	I CLET
		~				coa	BITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N		1 7	14.3									- 1. 7	
	NNE		7.3	,										
	NE												7.4	,
	ENE		, Y											
	E		,										2.1	
	ESE												77	
	SE		7											
	SSE													
	5			,									1	- 4-4-
	SSW													7.
	sw		,											3.
	wsw	; 7) X	-
	w		1.5											-3-3
	WNW	1	7										3 . 1	-
	NW		3 4	4 3	2 - 3		,							7.
	NNW			10.0		7	, ,						24 -:	
	VARBL			•										
	CALM	$\supset <$	> <	> <	$\supset <$	> <	\times	> <	> <	> <	><	> <	7.	

TOTAL NUMBER OF OSSERVATIONS

G. .

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STÄTION	<u> </u>		\$7ATIO	A NAME			I i = i			YEARS				A Y
		_				دا دا	ATSET						HOUR	1.
		-				COI	19:TION		 -					
		_												
 									,	,	,		, -	
i	SPEED	l		ł	1	1)	}	1				MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		7	11.	5.								7.7.4	7.3
NNE			7.4	1								3.	5 9
NE		1.										7.3	W = 1
ENE			,			}						2.3	
ŧ		1.	,										
ESE													7.1
SE						<u> </u>						1	
558													
\$													
SSW												***	
SW		1 . 7		,								-	
WSW	,	1.										,	
w	. 7												
WWW		7	,										_
NW		2 - 8.	C ;	,	,							1:-1	-4.2
NNW		7 7		1.0	- 1	-						23.2	
VARBL			***										
CALM	\times	\times	\times	\times	> <	\times	\times	\times	> <	\times	> <	5.º	
	1.7	. 7 - 1	3.7	11.3	1.5							1.5	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WIND:

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

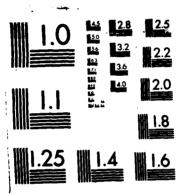
The second

HOURS (L S Y SPEED (KNTS) DIR. MEA WIN SPEE 1 - 3 22 - 27 28 - 33 ≥ 56 × NNE NE ENE E ESE SE \$5€ 5 \$5W WSW W WNW NW NNW VARBL CALM

TOTAL NUMBER OF OSSERVATIONS

SMOS

14 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) TEMOORE CALIFORNIATUI NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC. AUG R4 AD A 150 439 F/G 4/2 141 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		•••							TEATE				
					ALL HE	A THER							1 G 186 (L.S.T.)
						HOLTICK							
SPEEK (KNTS	D 1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 85	≥54	*	MEA WIN SPEI
H	2 - 1	1 1 5 - 1	17.7	4-9	-3		<u> </u>		 	<u> </u>		43.5	7.
NNE						1		1	<u> </u>	1		3.2	
NE		1 1 3	1	.1			1		1			2.9	
ENE							1		Î			100	1
E	1	1.0					1			†		1.9	1
ESE													
ŞĒ		. 1		1.					`				10
SSE													
8		2										7.	3.
SSW								Ī					
sw		1	1.0									1.3.3	7.
WSW	/		3	- 3								1 3.3	7.
w		100	4	3								1.9	7.
WHW	<u> </u>	نا		- 6	<u> </u>							ia	7.
HW		3.9	1.6	1.3		<u> </u>	<u> </u>					7.1	7.
NNW	1 1 1 1 1	13.2	9.7	7.4	-3							32.3	1
VARD													
CALM													T

TOTAL NUMBER OF OSSERVATIONS

SMOS

RU.S. GPO 1984 741-348/201

SURFACE WINDS

TOTAL NUMBER OF COSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		SVATE	PH RAME						YEARS				PONT H
	-				ALL HE	ATHER						neur	2 2 6 (1.6.7.)
	-			···	•	101710 ¹				_			
SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	46 - 55	≥36	*	MEA WIN SPEE
N	1.1	1.6	3.2	1.0	,,							7.4	7.
NNE		1 4 4											
NE													•••
ENE												1	
-													4.
ese				I									
\$12	1	•											Ţ,
388				<u> </u>								1	
8		.	<u> </u>		<u> </u>	<u> </u>	L						
SSW	1		L	ļ		<u></u>						1	_2.
SW		<u> </u>	<u> </u>	ļ	<u> </u>								2.
WSW		1.0		L						<u> </u>		1.6	
W	1 1 2	5.3	-	<u> </u>	<u> </u>			<u> </u>		<u> </u>			
WWW	1	11.3	4.5	<u> </u>						L		17.4	5.
NW	2.0	14.5		4.8				<u> </u>				30.4	4
NHW	-	- مناها	12.9	8.0								20.4	7
VARSL		1				L							
CALM	\geq	\searrow	><	$\geq \leq$	><	$\triangleright\!\!<$	$\geq <$	$\triangleright\!\!<$	> <	$\supset \subset$	> <	1.3	
			10.0										_

30MB

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LENO	ORE. CA	STATIO	W MARK			73-42			YEARS	 -			A Y
		-				WT AE	ATHER			 				(L) 6 (L.S.T.)
		-				COL	1917/60							
	SPEED (KNTS) DIR,	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	4 - 35	5 #		MEAN WIND SPEED
	Ņ	2.0	2.4	0.0	4.3								25.4	7.5
	7012	1.00	1.2										3.4	5.7
	ME	7											1.7	4.9
	BME			n									1.3	3.3
	-	7		1									1.0	3.9
		4	5	.5									7	3.3
	88	3	,		n									1.1
	800	3	-											8.4
		- 2	-5-										1.3	3.4
				-1			<u></u>						9	3.5
	- SW			2	-0-				<u> </u>				1.3	4.5
	WW			-1									7.1	841
		1.2	2.5	3	-0								8.4	4.2
	WHW	1.7	عند	1.0	2						ļ		7.4	5.0
,	NW	2.2	7.5	9.3	1.4				ļ				16.6	4.5
	New	1.2.6		10.0	5.1				L		ļ		25.4	7.9
	YAROL	L												
	CALM	\sim	\sim	> <	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$		$>\!\!<$	4.5	İ

-



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ML HE							800 8	Pitario
	-				***	IOIYION				_			
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	48 - \$5	≥56	*	MEAN WIND SPEED
N	3-3		7.1	1.0		*******		<u> </u>				10.1	-601
NNE	-	7.0	-	-				-				2.0	-
NE		1+0										1.0	3
ENE													3.
E												1	-30
232		-										1	
SI												1	
342										<u> </u>		T	
8	,											.,	2.
SSW	•											1	3.
SW			7									1.0	4.
WW	1 7	-											4.
w	3.5	1 7										1.7	3.
WWW	1.7	1.0	1									5-0	
NW	4.5	11.1	4.1	1.7								79.3	-
NOW	2.1	12.0	12.7	1.0				T				15.1	-60
YAROL												1	
CALM	$>\!\!<$	\times	\times	$\supset <$	> <	$\supset <$	$>\!\!<$	> <	$\supset <$	><	\ge	4.0	
		N2. 3	27.1	4.7								100-0	

TOTAL NUMBER OF CESSEVATIONS

300

SMOS

#U.S. GPO 1984-741-348/201

SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

306

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		******							1000			,	
	-				ALL HE	HATHED		-				30v((i b (i.s.t.
	-					HÖ1719A							
SPEED (KNTS) DIR.	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥56	*	ME. Will SPE
Ŋ	1.7	52	2.3			<u> </u>						9.0	5.
NNE		1										1 3	
NE													
DME	7											1.0	. 2
ŧ	7												1
288													
\$E		. 7										7	
388	7	3										1.0	
8	7	1										1.5	
SSW	1.0			L								1.7	
\$W	1.7		<u> </u>			<u> </u>						2.0	2
WSW	1.2	1.3				L			L			3.0	
w	7.7	111	<u> </u>									10.7	1
WNW	4.0	9.7	1.2			<u>L</u>						15.3	
NW	4.7	12.1	1	1	L	ļ						22.2	S
New	7.7	12.0	10.3	1.1.1				<u> </u>				26.3	_ <u>`</u>
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$\geq \leq$	4.7	
]								

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_											
	_					1017104				_		
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥#	*
N	2.3	5.0	10-0	2-0								10.
NNE	1.3	7										1.5
HE												
BME	1											
t		9										
363												
\$2												
\$\$E								L				
			<u> </u>		ļ		ļ					1
SSW		1.3				ļ				ļ		1-1-1
_\$W				Ļ				ļ		LI		1-1-4
W\$W				 	 			Ļ	<u> </u>	L		
w	- 3 - 3	-1-0-	L		 	L				L		1 40
WNW					L		<u></u>					1.3
NW	4-11	11.6		1.7	ļ		<u> </u>		L			21.
NNW	2.7	7.7	15.0	4.3		ļ					L	110
VARBL	Ļ.,	Ļ,	ــــــــــــــــــــــــــــــــــــــ		<u> </u>			Ļ			Ļ	
CALM												6.

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				MI AE	ATHER		· · · · · · · · · · · · · · · · · · ·					1 m # (L.S.Y.)
	CONDITION												
SPEED (XNTS) DIR.	1.3	4.4	7 - 10	11 - 16	17 - 21	21 . 27	20 - 23	34 - 40	41 - 47	40 - 55	≥#		MEAN WIND SPEED
N	6.3	7.7	9.3	3.7	1.0							26.00	7.3
MME	1.3	1.1	1.0									1.3	4.4
NE	1.3	1.0										2.7	4.5
BME													A C
E	7.0	7										2.7	2.4
282	7_		. 7	[1.3	9.5
\$1		1.1								l]		1.5	5.1
\$\$2													
8													
85W						<u> </u>		L				7	4.5
SW	- :				<u> </u>					لـــــــا		1	3.0
WSW		. 1											5.0
W	2.0		-3-									3.0	3.6
WHW	2.3	8.0										7.7	
_NW	2.7	6.0	4.3		1.0		<u> </u>					16-3	4.7
New	2.2	10.7	تنميا	8.3	- 3							29.3	ممقا
VARBL									L	لــــــــــــــــــــــــــــــــــــــ			
CALM		\sim	\sim								\sim	3.0	J

TOTAL NUMBER OF CHERVATIONS

100-0

30MB

1984-741-348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-												HOURE (L.S.Y.)		
	_				con	DITION .									
SPEED (KNTS) DIR,	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥54	*	MEAP WINE SPEEC		
N	7.1	9,7	10.0	4 1	-1							22.7	7.		
NNE	7. "	2 7	7.7												
NE	1.0	2.7	1 0									4.7			
DME	1.5	3.0	3									1.1			
	1	2.1	,									4.6			
ESE															
SÆ	,											1.3	_3.		
358		1										7			
8	,														
SSW	-									1		-3	5.		
\$W	.,	- 7								1		1.7			
WSW	2.5		- 3		-3			T				1.3			
w		-											1		
WHW	7.7		1.7												
NW	2.0	7 7		1 7	•				·			10.1	7.		
NNW	2.3	4-0	8.3	1.7	7							19.0	7.		
VARM						T						1			
CALM	\times	\times	\bowtie	\times	\boxtimes	\times	\times	\times	\times	\searrow	\ge	2.3			
	21-0	10.0	28-0	8-0	1.7							100.0			

TOTAL NUMBER OF OBSERVATIONS

300

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.2.75	DRF. CA	STATIO				<u> </u>			TEA BE			J	UN MONTH
	_				WT AE	ATHER			-			HOUR	1 <u>6</u> \$ (1.8.7.)
	_				GBB	DITION			<u>-</u>	<u> </u>			
SPEED (KNTS) DIR,	1-3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55		*	MEAN WIND SPEED
N	3.0	7.7	11.5	8.7	1.7							34.3	8.4
HNE	1.7			1.0								16.3	A
HE	1. A	2.5	2.7									A a	4.:
ENE	1	1	7									1 . 3	5.3
E	1	1	1.3									2.3	-
ESE	. •							<u> </u>	<u> </u>				
#	L				<u> </u>								
226		-3	-3-									,,,	3.5
		-3			<u></u>							-3	805
SSW										ļ			<u> </u>
\$W	1.7	-3	<u> </u>							L		1.3	2.5
WSW		-3-	-7	ļ						-		 1.3	9.6
W	7	<u> </u>	-3							 		1.3	7.5
WWW		1.7	-3		-3	ļ <u>-</u>	ļ	├				 _2. :	7.08
NW		1.2	3.0	1.3						 		<u> </u>	لامف
NW	- 3.e.C	3.2	11.5	5.6	 -	3			 	 		23.7	-1.5
VARM											$\overline{}$	+	
CALM												2.7	
	i tan	22.0	43.0	14.0	1-0-	•				1		120.0	٠.,

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3 TATION	FENCE	HE . CA	STATIO	N HAME			3.7	 YEAR	4		 	Jacob .
		_			 ALL	HEAT HE	2	_		 ,		1 to DURS (LIS T.)
		_	_		 	COMPITION		 				
		_	·		 			 		_		
	SPEED									-		MEAN

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	ž., 3	21.7	9 14 7	1 2								()()	
NNE	7	7 7	1	, ,								7	-
NE			,									1.0	4
ENE	1	1 0	,									3 5	3.
E		1 .											
ESE		**										• • • •	
SE						Ì						1	
3\$E												1	
\$,									,	9.
SSW			-						i			• • • • • • • • • • • • • • • • • • • •	1 -
SW			•										7.
wsw			•									1	7.
w	,		7	• 3	 							•	10.
WNW			• •	**								203	-
NW		*		1.3		1	 					1-2	- 5.
NHW	7,		4	4 7	1, 7	 						5-7	7.
VARBL		13.3	10.0		 1+3	 	<u> </u>		 			38.3	
											$\overline{}$	1	
CALM											\sim	• 3	! !
	8.7	46.0	30.5	17.7								100.0	6

TOTAL NUMBER OF OBSERVATIONS

SMO8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	Y Y = g > YEARS	
		CLASS CLASS	Houts (L.s.Y.)
	Ċ.	PACT TOO	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		, ,	1-2	2								1.7	7-6
MME			,									. 7	14.0
NE												7	4.5
ENE						· <u> ·</u>							
					,							1	1
ESE												1	1
SE												1	2.5
\$SE												1	1
\$	7											-,	3.5
\$\$W													
_\$W	,											-7	2.5
wsw	,	2.3		7								3.3	2.2
W	1	ŝ	. 7									7.3	4.4
WNW	7 7	1.1.7										15.	5.0
MM	1.7	14.3	14.3	5.7								36	7.4
NNW	. 7	10.0	11.7	7.3	. 7							36.3	د د د
VARN												1	
CALM	><	\times	>>	> <	\times	\times	\times	\times	$>\!\!<$	\times	\times	1.7	
	7	48.8	3n.3	24.0	3.0							100.0	2.4

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TOTAL NUMBER OF OSSERVATIONS

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#U.S. GPO 1984 741-34

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

* brayes	Etwader - ca	STATION NAME	27-27	YEARS	- John -
			ALL WESTHEN		HOURS (L.S.Y.)
			CONSTRUCT		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N_	, ,	3. 1	3.2	1 ::	1							:2	7.
NNE		2.3	. 7	. 3		L						9 22	-
NE		2										2 3	
ENE												1.2	
E		•	9									1	
ESE								1				7	- 4
SE	-	7											7
SSE													3.
S	* * *												3.
SSW	• `	7		- 0					T				
sw		-							1			+ + + + · · ·	-
wsw				•	· .				 	·		1 7	-1.
w	-	- + + -	- **			 			 	†		1 6	-5.
WWW	7.7	1 · ·		- • n	3				 -			7 7	
NW		4.7	- 3			 			 	 			-
NNW	7	7.		1.3		 			 	!		18.0	
VARBL	- 2 - 3	13.0	11-2	4.5					 	 		22.07	7.
				$\overline{}$	$\overline{}$		<	$\overline{}$	$\overline{}$			 	
CALM	\sim	\sim	\sim	$\geq \leq$						\sim	$\geq \leq$	3.2	
	16.5	11.0	10.7	0.0	1.2							100-5	_ h.

TOTAL NUMBER OF OBSERVATIONS

#US. GPO 1984-741-348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	تهنا	42	STATIO	NAME .	·		78-83			YEARS			,	iolivii
		_				علمل خنتج	W. IRES							Ol.
		-				COI	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED
	N	, ,	6.1	4	. 6								15.2	4.02
	NNE	•		-						1			- 6	6.0
- 1	NE			. 7							†			5.0
- 1	ENE	1		-										
	E	Ĭ												
1	ESE												. 1	2.0
Ì	SE	•			1			-		<u> </u>				
ı	SSE	1												
i	5	1			ĺ	_								4.0
	\$5W												- 1	2.5
Ī	SW												7	
- 1	WSW	1	7										1.1	3.0
ĺ	w		1.3							[4.7	2.0
	WNW	7 0	2.4	1.4									404	4.4
	NW	4-7	15.3	12.7	1.6								27.1	5.1
ı	NNW	14.00	13.5	13.4	2.3								34.5	2.4
1	VARBL													
	CALM	\boxtimes	\times	$>\!\!<$	$\supset \subset$	> <	$\supset \subset$	> <	> <	$\supset <$	$\supset \subset$	>>	b • *.	

TOTAL NUMBER OF OSSERVATIONS

1060

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	- Limi) - F + - C &	STATIO	A MYME			73-92			YEARS			- - J	idir.
						****	ATHER.							Patris
		-				GRI	K91710M				_			
	SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.5	2.3	- 6			İ						2.4	4.5
	NNE	7				<u> </u>								2.0
	NE		L		<u> </u>	L	<u> </u>	<u> </u>						
	ENE		-3	<u> </u>			<u> </u>			L	<u> </u>		4.	7.5
	E				<u> </u>	<u> </u>			L					
	ESE					L	ļ <u>. </u>						<u> </u>	
	SE	<u> </u>				<u> </u>	<u> </u>						1	
	SSE					Ļ	ļ	L		<u> </u>			<u> </u>	
	5	1				<u> </u>				L			1.2	2.9
	SSW	1.3	1				L						2.9	2.4
	sw	3 6	1.3			<u> </u>	ļ	<u> </u>					3.9	3.1
	wsw	7.7	1	L	L	↓	L	ļ	L		<u></u>		5.2	3.1
		4.6	6.1	ļ		<u> </u>							11.9	3.4
	WNW	7.5	11.3	1.1		L	ļ <u>.</u>						18-1	4.2
	NW	4.2	18.4	-3.5		<u> </u>	<u> </u>	<u></u>				<u> </u>	73.2	5.2
	NNW	2.0	7.4	5.2		<u> </u>	<u> </u>				<u> </u>		18.1	5.5
	YARSL									<u> </u>				
	CALM		><	><	><	><	><	><	><	><	><	><	6.7	
	——			_)	~					

TOTAL NUMBER OF OSSERVATIONS

#U.S. GPO 1984.741.348/201

50°

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LENCO	E. CA	STATIO	W HAME			13=×2			YEARS			_ 	(II.
	_				WT HE	ATHER						MOVE	73.7 16 (1.8.7.)
	-					1017104				-			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.5	a B	- 6		. 7			7			8.7	7.8
NNE	i.	- 3					I					1.6	-1.1
NE													
BME													3.0
E									<u> </u>			3	4.7
EŞE					<u> </u>								2.5
SE		,			<u> </u>	L							9.0
388													
\$					L	L						I	
SSW				<u> </u>	L		L					<u>i </u>	I
sw	1.1											1.0	2.8
WSW	1	1.3	<u> </u>				ļ					2.3	9.1
w	2.3	11.2					L	L				6.5	3.9
WNW		10.6	3.2					<u> </u>				18.4	9.7
NW	2.5	16.5	11.0						.			29.4	5.8
NNW	2.2	11.0	9.7	2.3								27.1	6.2
YAROL							Ļ						<u> </u>
CALM	\times											3.5	1

TOTAL NUMBER OF COSSEVATIONS

310

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL HE								la.
					***	10171011				_			
SPEED (KNTS) DIR.	1.3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	29 - 23	24 - 40	41 - 47	40 - 55	≥56	*	MEA WIN SPEE
N	4-5	13-4	11-3	1.5								11.6	
HNE	1.0	1.2			<u> </u>							5.6	
NE		1										1.0	_3.
ENE	عندا		1_1	<u></u>					L			1.00	_
E	دد									l		2.4	
P\$6						<u> </u>				1			
\$£						L						3	_2.
SSE		-											
\$													2
\$5W													6.
\$W													
W\$W												مد	3.
w	1 - 4	1.9										1.5	
www	3.55	A	1										
NW	2.4	100	4.2									15.2	5.
MW	7.3	0.4	11-0	2.1								24.8	
VAROL			****										_
CALM	\times	\times	\times	\times	\geq	\times	\times	\times	\times	\searrow	$\geq <$	3.*	
	21.1	41.1	29.0	4.8	1							100-0	

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-	LEMIN	PE. CA	STATIO	W NAME			71-22			EARS			_ 	LL.
		_				ALL HE	ATHER		· • • •					13
		_					DITION							
[SPERD (KNTS) DHL	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 · 23	24 - 40	41 - 47	40 - 85	≥86	*	MEA WIN SPEE
ı	N	9 . ÿ	15.6	11.	1.6								27.4	4.
	NNE	1.4	4.3	1.6									10.4	5.
	ME	1.0		,									1.0	
ſ	DNE	1. 1	1.6										2.0	3.
Γ	î		1.9	1									2.9	
Γ	836		1.0	- 3							I .		Lab	
ſ	\$4	1.0	- 1										1.1	2.
Γ	\$\$4	,											1	2.
Γ	8												- 6	2.
Γ	SSW													9.0
[SW	,	_ A	7									1.1	
	WSW		- 1	•									lab	5.
[W	2.1	1.9										6.5	3.
	WHW		5.6	1.1									-	-50
[NW	2.0	4.5	2.5									11.6	5.
Γ	MMM	2.4	8.1	5.5	1.6								17.7	Ā
	VARM													
Γ	CALM	\times	\sim	\sim		\sim	\times	\sim	\sim				2.6	

TAL NUMBER OF OBSERVATIONS

2006

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Aylon			STATIO	H WATE					,	YEARS.			-,	PORT II
		_				ME HE	WINES.						HONE	# (U.S.Y.)
		-				0 44	D17448							
	SPRED (KNTS) DIR.	1-3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.2	10.4	21.2	6.5	-,3							40.6	7.0
	NNE		3 2		3.2								14.8	7.6
	NE		4 7	1.0				<u></u>					2.4	6.6
	ENE			1					<u> </u>				3.2	5.5
	1		1.7	1.6							<u> </u>		3.5	6.4
	ere						<u> </u>				<u> </u>		-3	6.0
	SE				L			<u> </u>						2.0
	54E				<u> </u>					<u> </u>			13-	1.3
					<u> </u>	L				<u> </u>	ļ			
					<u> </u>		ļ			 		ļ	 	ļ
	sw						Í						├ ──	
_	W\$W					ļ	<u> </u>		ļ	 	 			16.0
_	w					 	ļ	ļ		 	}	 		
L	WWW		1.0	1.0	ļ		ļ	}		 	 	ļ	1.0	-6.7
_	NW		3,2	1.6	ļ			ļ		 				5.2
_	MAM	-1+3-	-4-1	8.1	3.2					 	 		18.7	7.8
L	VAROL			<u> </u>	L			-				_	 	
ı	CALM	\sim	\sim	><	\sim	><	><	\sim	> <	> <	\sim	><	1.0	1

TOTAL NUMBER OF OSSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ATION	LEMOC	DEL. CA	STATIO	M NAME			Y1-82			YEARS				Marin
						ALL YE	ATHEO							10
		-				ce	1017:00 1							
ſ	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	256	*	MEAN WIND SPEED
	N	7.5	11.4	15.5	1.5								32.4	4.4
	NNE	1	2.1				Ĺ						1.7	5.3
Е	NE		1.3	1 3						L			2.6	5.1
	ENE						l							3.0
	ı.			Ĺ <u> </u>	-3		<u> </u>						10	7.5
	E\$4			<u> </u>			<u> </u>		<u> </u>	<u> </u>	ļ			2.0
_	\$4										L	<u></u>	<u> </u>	
_	888			ļ	-3		ļ		<u> </u>		ļ			RAS
_			<u> </u>		<u> </u>		ļ	<u> </u>				ļ		3.0
_	\$\$W		ļ		 _		ļ	<u> </u>			ļ		 	
L	\$W		 		ļ	<u> </u>	 	ļ			ļ	 	A	- Sali
┡	WSW			 		 _	 		 -		 	ļ	 	-1.5
┝			 				 	 -			 	 	1.6	-4.4
<u> </u> -	WWW	2.6	2.3		 -		 	 	 	 	 			-3.9
⊢	NW	1.9	-5-2	3.5	1.0	 	}	├ ──	 	 	 	 	14.2	5.4
H	VARBL		12-4		2.5	3	 	 -		 	 	 	35.5	4.7
\vdash											$\overline{}$		 	
L	CALM												• 3	
Γ	_	13.4	17.1	27.1	4.4								100.0	4.2

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#U.S. GPO 1984.741.348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATE	M MADE			•		,	TEAS				ide.
	_				WF ne	A HE							7 7 1.1.1.
	-		· · · · · · · · · · · · · · · · · · ·		•	1017100							
SPEED (KNTS) DIR.	1 - 3	4.4	7 - 10	15 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 85	254		ME. WII SPE
N		100										3.2	7
NHE													
NE													
EME.				<u> </u>									
						Ļ							
138					 			 -					<u> </u>
34				ļ		└		<u> </u>	 _	L		<u> </u>	
\$66			├ ──		 _				<u> </u>	 _	Ĺ		
						 						}	
SSW		 		 								 	
WSW					 	 			├──			107	5
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		3-3-		 				 -			ļ	1.5	-
ww	1.4	3-5	1.2	•					 			4-1	-3
NW	***	17										17.4	
NOW		7.1	10.4									24.5	
VARBL			****	-	-							 	-
CALM	$\overline{}$			$\overline{}$		$\overline{}$						2.6	-

TOTAL HUMBER OF COSSEVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 · 1 1	LEMOGRE, CA STATION HABE	73-42	YEARS	- Jähru
		WIT HEVINED		nount (L s v -
		COMBITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 85	≥56	•	MEAN WIND SPEED
N	2.5	1.2	9.1	1.6	1	-3						20.5	4.8
NNE	,	2.1	1.2	5								9.6	6.1
NE		4	7	- 1								1.9	5.4
BNE		F.	2									1.1	A.A
ŧ		- 4	1	, n									5.2
888	5												3.0
. \$1		- 1										1	2.7
388												. 2	5.4
\$		1							L			1	2.4
SSW													3.4
SW	- 4		- 1			I						1.2	
W\$W	. 2	2.0	- 13	- 1								1.0	4.0
W	2.3	2.7		-0								5.1	1.7
WNW	2.6	4.3	1.8	- D								10.7	4.7
NW	2 - 0	10.2	6.5	l a A								21.1	6.1
NHW	2.0	9.4	9.8	2.7	. 1							25.1	
VAROL					••								
CALM	\bowtie	\boxtimes	\times	\times	\times	\times	$>\!\!<$	\times	\times	\times	>>	3.6	
	17-9		29.9	4.7	. 2	-0						100.0	8 . 4

SURFACE WINDS

TOTAL NUMBER OF COORSYATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				4LL 45	ATHER.		··				
						CRIS .						nev
	-				CS	IDITION.						
PESO (KNTS) DIR.	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥54	*
N	1.4	7.7	1.1	1								11.6
MME												7
NE												
BHE												
				L		L		L				
ese			<u> </u>		L	<u></u>		L				
\$2	1				<u> </u>		<u> </u>		<u> </u>	<u> </u>		1.3
352					ļ		L	L	<u> </u>			
-			L	<u> </u>		L				<u> </u>	<u> </u>	-6
SSW	 	1					ļ		<u> </u>	<u> </u>	<u> </u>	-
SW	1.4			Ļ	├ ──			ļ	ļ	<u> </u>	 	1-3
WW	1-1-1		ļ		 		Ļ		 -	ļ	ļ	1
	3-4-	1.2	ļ		├	<u> </u>	 	L	L	 		3.5
WWW	2.0	-	1.0						ļ	ļ	 	
NW		13.5	-6-1-	3.3	 	 	<u> </u>		<u> </u>	↓		28.4
MMM	1,2	12.a	-2.8-	3.3	├ ──	<u> </u>				 		30.3
VARSL												↓
CALM	\sim) ><	· ><				· ><			*.*

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MUS GPO 1984 741 348, 201

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				con	947101							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥34	*	ME WI SPI
N	1.:	2.3	, i									4.2	
NNE	۲												_2
NE													4
ENE				l									
888													
\$£						<u> </u>						1.0	_2
\$\$E												5	
\$	1 2											1.6	
38W		1.0										3.2	
\$W	1											2.8	_
W\$W	Z E	1.8										7.7	2
W	E 2	9 %										10.2	
WWW	- 1 - 1	9.4	1.5									17.4	_
NW	4.5	11.0	القبق									21.6	5
MMW	2.4	7.1	2.0			ļ						12.0	
VARBL								L					
CALM									\sim	\sim	\sim	12.6	

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL NE	AT ME							57 8 (1.6 T)
	-				COR	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1	. 2. 3	ر ن ر							1		7 4	Said
HNE		1.5										1.3	3.5
NE												, ,	3.71
ENE													
E													
ESE													
SE		. 1		1									4. C
SSE												-	
\$,	. 2			1				<u> </u>			lat	2.4
SSW	1											1.3	2.3
SW													2.5
wsw	- ,	1 7			1			ĺ				3.7	7

TOTAL NUMBER OF OSSERVATIONS

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WNW

VARSL CALM

#U.S. GPO 1984-741-348-201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LTH.SEZ. CA	STATION HAME	73-22	YEARS	BUSE
			CLASS CLASS	<u> </u>	HOURE (LS T
			COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4	11.3	0.7	2.3								10.3	6.2
NNE		7.7										4.5	4.7
NE	. /.	1.3										1.3	
ENE		- 7										1.0	2.7
E	,		. 3									1.3	4.3
ESE	. ,												2.3
SE		. ,										1	4.3
858													
\$	1.											1 2 3	2.1
SSW												1.0	5.3
sw				***								7	2.0
W\$W	1 1	•										1.7	1.1
w	2. 1		- 0									3.:	3.0
WNW	7 7	4.5	2.6	. 7								6.4	4.2
HW	1	7 . 12	7-4									16.5	6.3
NWW	3.6	10.3	3.1	1.3								22.9	6.3
YARSL													
CALM	> <	>>	> <	> <	> <	> <	> <	> <	$\supset <$	$\supset \subset$	\mathbb{X}	5.7	
	17.1	42-3	29.7	4.4	,							100.5	3.5

TOTAL	MIMARO	~	OBSERVATIONS	
101~		•		

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					an ve	A * 14 F T							,
	_					A THE CO.						NOVI	8:
	- -				COI	BITION				_ _			
SPEED (KNTS) DIR.	7.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	
N		13.2	3.7	1								78.7	
NNE			3.5									2.1	
NE													
ENE		2.1										2.7	
ŧ	1.	- F.										1.0	
ESE												2.6	
SE												1.2	
SSE												1.3	
\$		1 (
\$\$W	· ·			<u> </u>	Ĺ			L.,				1.3	
SW		,		L									_
WSW	1	1										1.5	
w	1-4	2.1									<u></u>	4.1	
WNW	1 3		1.3	- 3						<u></u>		60.	_
NW		6.5	2.6									10.0	
NNW		£.7	6 5	2.3								19.5	
VARBL													
		\sim			$\overline{}$	\sim		\sim	<u> </u>		\sim	3.2	1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TC4	<u> </u>	STATIO	M HAME			73-37		 ,	EARS				HONTH
	-				<u> </u>	ATHER) <u>.</u>
	-	·			C04	NOITIGE							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPER
N		11.7	2	4.5					<u> </u>			74.5	7.
NNE	, ,	7 - is	3.4	- 3								19.0	
NE		-	7 :							1		8.1	5
ENE		3.0	1									6 4	<u>.</u>
		T	1	<u> </u>								2.6	
ESE		1											
SE			. ;	. 7								1.0	3.
SSE		T											
5												3.	Δ.
SSW				. 3.									5.
sw												1.	A
WSW		1										1.3	2
w												-3	
WNW		فه ا								L		lor.	_ \$.
NW	7	1.0	1.9									205	7.
NNW		40.5	8.4	1.6								16.5	7.
YARSL					L								
CALM		\sim				\sim				\sim		1.0	

#US GP0 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Sed ribin	شعته.	dii , ji	STATION	NAME .			78-42		,	PEARO				listen
		-				ALL HE	Minto			····			HOVE	10.11
		-				con	BITION .				<u> </u>			
	SPEED (KNTS) DIR,	1-3	4-6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥54	%	MEAN WIND SPEED
	N		14-2	7 . 2	•								27.1	5.5
	NNE												1.0	4.5
1	ME													3.5
Į.	ENE		-1										5	A = -
														1.5
	\$23									I			1.3	Sale
í	SE													5.4
	358					-								
	\$	·												3.5
i	SSW													2.9
- 1	5W					L					L			2.11
ı	WSW		L				<u> </u>				L			
1	w	1	اشعلا		L		<u> </u>			<u> </u>	<u> </u>		2.3	5.7
1	WHW							<u></u>			ļ		7.7	4.5
(NW		10.6	2.1		<u> </u>				<u> </u>			21.0	A.E
i	NNW	7.1	10.7	6.5	1.7								32.9	5.3
	VARBL									L				
	CALM	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	><	$\geq \leq$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$>\!\!<$	1.6	

TOTAL NUMBER OF OSSERVATIONS

310

SMOs

MEUS GPO 1984 741.34

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u> </u>	PTATE	M MAME	_		<u> </u>			YEARS				JON TH
	_				-4LL-34E	A THE 2						MOVE	22 8 (1.5)
	-				G04	(DITINA				_			
SPEED (KNTS) DIR.	1 - 3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥\$4	*	MI W
N	3.5	2.2	1.	3								501	5
NNE													
NE	1												
ENE	1	L							[
E													
383			ن ه									· ·	6.
SE													3
35E											L		
	<u> </u>												
\$5W		,		<u> </u>	<u> </u>		<u> </u>						5
SW									<u> </u>		<u> </u>		_2
WSW	1.1							ļ	Ĺ	L	<u> </u>	1.6	3
<u>w</u>	3.5	3.5					ļ	 	L	L		- Zai	-3
WNW	104	10.6	4.6			 			ļ			17.1	
NW	-5-2	21.0	17.3	1.3	ļ	ļ	ļ		<u></u>			41.0	5
NNW	1-2-6	-8.8	8.4	1.2					<u> </u>	<u> </u>		22.6	
VARBL	_			<u></u>	L				L				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.6	
_	1628	MS D	36.8		l					}		100-0	

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#U.S. GPO 1984 741 348/201

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SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-											
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	2.5	4.3	Á - Á	1.2								19-0
NNE		2	1.					L				
NE							L	<u> </u>				1.9
ENE						<u> </u>			L			1.7
<u> </u>						L		<u> </u>				
ESE		, i										
SE			-6			L			L			
SSE							<u></u>	<u> </u>				2
												105
\$5W_									<u> </u>			1.6
SW								ļ				
W\$W	1.5	- 4					L	ļ	ļ			2.3
w	7 7		2_				L			L	<u> </u>	
WNW	2.5	4.2	1.0					ļ	L	L		16.7
NW	3	11.0	5.3			ļ		ļ				21.3
NNW	7.1	10.8	4.7	1.6				L				21.8
VARSL					Ļ,	L	Ļ			Ļ		
CALM												5.1

₩U.S. GPO 1984 741:348-201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LENG	DEL. CA	STATIO	NAME			23-32			YEARE			s	P P
		_				MI HE	ATHCD.						800	ni Harri
		-				CO	19171011							
	SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥54	*	MEAN WIND SPEED
	N	2.0	5.7	1.7	1.3							_	11.3	3.5
	NNE	, , ,	1.0										3.5	3.5
	NE	7	1										7	3.5
	EME		,										7	301
		,											-1.7	1.2
	est	,	7										1.0	4.0
	\$8	1.1			L								1.3	2.5
	382													2.5
		ī			l								103	3.5
	SSW	1 2												2.2
	SW	7		-3	<u> </u>		L		L				_1.1	4.3
	WSW	3.1	1.3				L						8.7	2.7
	w	5	-3-3	7					L				3.0	3.7
	WWW	1.3	-4.3	2.5						 _			9.7	3.7
	NW	4.7	11.1	- دنگ									21.7	5.3
	NHW	5.7	8.7	3.0	1.3		L						18.0	5.2
	YARBL			L	<u> </u>									
	CALM	\sim	$>\!\!<$	><	><	><	$>\!\!<$	><	><	><	><	$>\!\!<$	14.5	1
				نسک										

TOTAL NUMBER OF DESERVATIONS

#U.S GPO 1984 741:348 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[[] M -2	one, c e	\$7A710	MANUE			- 13 m H 2			FEARS		- <u></u>		M irr
	-				ALL HE	THE						HOVE	3 (C.S.T.)
	-				CON	19:71001				<u> </u>			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	21 - 27	20 - 33	34 - 40	41 - 47	44 · 55	≥56	*	MEAN WIND SPEED
N	2.5	1 - 3	. 7									4.1	4.1
NNE												- 3	5.
NE												1.0	2
ENE		7										7	3.4
E	7		7									7	5.4
ese	7						l					. 7	2.
SE	1.7											1.5	
358		7										. 7	
5	7 7	1.0										4.3	2.0
SSW												1,7	
sw	1.1	1+7										5 23	3.1
W\$W	7.1											4.0	3.1
w	7.7	4.7										14.7	3.4
WNW	,	3.5	1.0									15.7	
NW	¥ 7	14.	7.3									22.7	Sel
MNW	1 7		2.3					I				4.1	5.7
VARSL													
CALM		\times										13.7	

TOTAL NUMBER OF OSSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 2 1 1 STATION	L. MOORE.	STATION NAME			- 8.3	 YEARS				E P.
51411 44				ALL FATH	Z.i	 				37
				ČLA96		•			nov &	6 (L.S.T.)
				COMPLYION		 				
Г	\$250D		<u> </u>				Τ	-		MEAN

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.7	1	,									1.7	4.0
NNE	7											7	4.0
NE	,									L		,	2.0
ENE	, .	- 3										1.3	3.4
ı												,	2.0
ESE													5.5
84	7	,										1.3	A.C
888	1.7	-										1.3	7.5
8	1.3		7									2.0	7.8
SSW	2.3											2.0	1.5
SW	. ,	1.3										2.11	3.8
WSW	7.5	2.7								1		5.7	3.5
w		5.3	.,									13.7	3.0
WNW	W 7	9.7	2.1			<u> </u>						15.7	8.5
NW	3.7	AAT	6-1	. 7								19.0	5.7
NHW	1.7	800	4.1	- 1-0								10.7	2.4
VARBL												1	
CALM	\times	\times	\times	\times	\times	\times	\times	\times	\times	\times	>>	20.0	
	10.3	37.6	15.0	1.7								100-0	1.7

AL	NUMBER	Of	OBSERVATIONS		100
				_	

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

L_MD:	ort, ca	8747101	1 1487			73-8)		 -	YEARS			\$	E D BATH
					ALL HE	ATHES.						1001	A (Care)
					Cis	IBITIQU							
SPEED (KNTS) DIR.	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥54	*	MEAN WIND SPEED
N		15.1	7.7	2.5								24.3	4.2
NNE	7	1.7	,									Lai	3.4
NE		7	-		1			1				1.0	2.2
ENE					1							2.1	3.3
ŧ	1 2	3	,					1				1 1 1	1.0
ESE	7		7	· · · · · · · · · · · · · · · · · · ·			1	1		<u> </u>		2.5	7.3
SE							 	1	1	·		2.7	3.4
SSE	***			 	·			1	1	†		1	3.0
\$								1				2.7	
SSW	14.		,				1	1	1	1		1.7	-
SW							T		1	1			2.0
wsw				 						1			2.0
w	•	7	1.3	1		1		1		1		2.1	6 4
WHW	, .	• •		 				1	1	1		1	2.2
NW				3.5	1								4.7
NNW		10.2		5-0	1-0	1			1	1		11.0	7.4
VARM		- Birgil				 			1	1		7-34-6-	
CALM	\times	>>	> <	$\supset <$	> <	$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	> <	5.3	1

100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ECHORSE CA STATION NAME	12+82	YEARS	
		TT REVINES		Noune (L s T :)
		COMPATION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 25	≥54	*	MEAN WIND SPEED
N	1.5	10.1	16.0	7.7	2							25.7	7.3
NNE		9.1	1						<u> </u>	<u> </u>		8.3	li a H
NE	نحد	2.7		<u> </u>						<u> </u>		4.0	4.3
ENE		1		L				<u></u>	<u> </u>	<u> </u>		لحمدا	
E	3 7	7. 7	3					<u> </u>	<u> </u>	<u> </u>		-603	_3.6
ESE	2.1	1.3										3.5	_2.1
SE			. 7	<u> </u>						<u> </u>	L	1.0	5.1
\$82	7	7	. 7					ļ	ļ			107	-5-6
8	7		1.0	<u> </u>	<u></u>		<u> </u>					107	5.4
SSW								<u> </u>					4.0
sw	7			<u> </u>	<u> </u>	<u> </u>				<u> </u>		100	1.6
WSW		3				<u> </u>							- 4-5
w	1.0	2.7						<u> </u>				3.7	3.5
WNW	2.1	2.5	7	<u> </u>	<u> </u>						Ĺ	5.0	_8-5
NW	1.3	4.2	2.7	1.2						L	Ĺ	10.0	
MM	7	8.7	6.0	2.1		<u> </u>		L	<u> </u>	<u> </u>		20.0	
VARBL													
CALM	><	><	><	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$>\!\!<$	><	7.0	
	20. 7	AD . 1	24.7	7-0								100-0	

TOTAL NUMBER OF OBSERVATIONS	
------------------------------	--

SURFACE WINDS NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MEAN WIND SPEED SPEED (KNTS) DIR. 1 - 3 11 - 16 N \$7.5 NE ŧ Ř (ESE RUS GPO 1984 741 348 26 SE 222 35W SW WSW w WNW 1.3 NW NHW CALM 2 . 3

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TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 · 1 · 1	TATION NAME	78-82	YEARS	- SEC
		ALL SEATHED		HOURS (L S T.)
		COMBITION		

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N		10.2	2.7	- 3						1		22.3	4.1
NNE										L		7	1.5
NE								ļ					
ENE						<u> </u>		ļ		<u> </u>		1.5	3.3
ŧ	1.	7	<u> </u>									2.3	3.1
ESE	,	,										7	
SE												-3	1.5
SSE												خما	-5
\$:									<u> </u>		3	1.0
\$\$W												.7	عَم ف
_ SW		7	. 7	-3						ļ		1.7	3.4
W\$W		-3	1.0	- 7				ļ			<u>-</u> -	2.3	4.
	7.7	1.7			ļ	ļ				ļ		4.3	3.3
WNW	نبه ا	S - 1										7.3	5.48
NW		12.3	2.7	-3						ļ		12.5	ئەگ
NNW	تنمه	15.7	S.i.		<u> </u>	ļ		 		<u> </u>		27.5	5.0
VARBL					L					Ļ		1	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.1	
	2 7	48.C	13.5	2.7								100-0	

TOTAL NUMBER OF OSSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				<u> </u>	THEC						HOUR	22
	_				CO I	HOLVION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	S
N	1-0	1 - 3	,	- 3								1	
NNE			. 7									7	\mathbb{L}^{-}
NE													
ENE													
E		7										7	
ESE	•	3										I	
SE	7	7					I					7	L
SSE													L
\$,							ļ				1.5	1
SSW	,		,									1.7	L
sw	, ,		,									3.5	1
WSW		1.7			ļ				L			102	L.
w		3.3	1.2						<u> </u>			14.:	Ļ
WNW		12.7	3.3	3			ļ					15.7	↓_
NW	1	17	3.3	2.0	<u> </u>						ļ	22.5	-
NNW		4	EI	2.3				ļ				140-3	╀
VARSL			_		Ļ		_			Ļ.,		_	╄
CALM	\sim	\sim	\sim	\sim	\sim	\sim	\sim		\sim		I ><	6.2	1

TOTAL NUMBER OF OBSERVATIONS

#US GPO 1984 741 348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	STATION			all në	THE STATE			reats			Δ	MONTH
	-				coe	IBI 7 10 M				_			
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MI W
N	- ,	6.45	٢. ٠	1.5	2.5							16.5	66
NNE	1	2.2	1.									4.5	4
NE													
ENE	2.											1.5	7
£	1.2											2.4	
ESE		ţ										1.2	
SE						·						1.1	
SSE												-	1
5	1.2		7									1.7	<u>L.</u>
SSW						L						1.5	نــــا
SW			7						ļ			ن.د	<u>.</u>
wsw	1				<u></u>	L			<u> </u>		<u></u>	205	
w		منت		- 6						 		a.i.	ئىل
WNW	244	5	1.3		<u> </u>		<u> </u>					10.7	4
NW	2.5	. h.E	4.5	- 6					 _		ļ	16.7	-5
NNW		7.3	5.5	2.								18aT	Ė
VARBL					<u></u>				_				↓
CALM	\sim	\sim	\sim	\sim	\sim	\sim	><	\sim	\sim	> <	><	9.7	1

TOTAL NUMBER OF OSSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>Landin</u>	* • * *	STATIO	HAME			73-32			YEARS			 -	PONTH
	-	-, -, -, -,				A I LE							1 (L 8 1
	_				COI	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME WII SPE
N	-)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \									2.:	
NNE												, , ,	
NE		,											. 4
ENE		. 7											ءذ ا
E	,											1.	- 3
ESE	, , , ,	,										1	1
SE						ſ						1	,
SSE													
3	;	1	1	7	,							3.	
SSW			,					L					
sw					l							3	
wsw		1				L						7 7	1
w		2.4	- 3									1	1
WNW			1			<u> </u>			Ĺ			7-1-	يا
NW			2		L	<u> </u>	ļ					1405	
NNW		-		1.3		<u> </u>						¥	تــــا
VARBL					<u></u>	Ļ,		L	L		<u> </u>		
CALM	$> \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	24.5	
		,,,		3 ,								1:5.	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	نستو .	· · · · · · · · · · · · · · · · · · ·	STATION	HAME			11-22			EARS				C †
		_	· <u>· · · · · · · · · · · · · · · · · · </u>	<u></u>		<u> </u>	ATHE D							- 4 - (. 1 †
		_				COI	DITION							
:	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
	N	1 - 1	1.3										3.5	4.3
	NNE													
	NE	ļ	L											
	ENE	· ·			<u> </u>								- نه	تمنا
	ŧ	₩											ļ	
	ESE	↓			 								-	
	SE	 	تم		 	 _		ļ.— <u>. </u>		<u> </u>			l-b-	3.5
	\$\$E \$	-	1	3	 		<u> </u>			<u> </u>			4.2	2.8
		3-1	103	<u>.</u>		 							6.3	tion.
	SSW	100			 	 	 						1.3	2.1
	\$W	7	1.6				<u> </u>			 			5.0	
	wsw w	3-2	103				 						5.02	3-1
l	WNW		4.5	~~~	 		<u> </u>						13.9	3.5
i	NW		40.7	1 0	 -	 							10-3	
	NNW	1	2.3	1.0	 , , ,	 			\vdash	<u> </u>			11.2	<u> </u>
ĺ	VARBL	 		-148						<u> </u>		<u> </u>	***	- 5.07
	CALM		\times	> <	>>	\times	\times	> <	\times	\times	\times	>>	27.4	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Smith

	_	STATION			ALL WE	ATHE:			YEARS				#0017A
	_											4912	6 (L.S.Y.)
	_					IDITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	%	MEA WIN SPEI
N	خيد ــــــــــــــــــــــــــــــــــــ	, ,	1.3	ī								6.5	
NNE													5
NE													S
ENE													
E	1											Loc	2
ESE			1						Ī			1.5	- 5
SE	2 2	1 7	,		<u> </u>							3 5	- 3
SSE	1									L		7.1	. 2
5		,			L						L	2.3	2
35W		,			L							1.1	-
SW			-									4.5	2
wsw		1.6										3	2
W	1	3.6								<u> </u>		13.9	2
WNW		4.5						 _				-11-3	3
NW_		7.7	1		L			 -	<u> </u>			7.6	- 3
NNW		1.2	1.:							L	.		5
VARSL													
CALM												10.7	Į .

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ETATION HABE		YEARS	- CT
	 	ALL HERYMER		NOURS (L.S.T.
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	94.0.3	8-7	. 44	1.6	_ ₹							10.7	50.
NNE		đ,										1.5	3.
NE	2.4	- 7										3.7	7.
ENE												1.:	1.0
ŧ.	3_1	- 3	. 3									3.5	2 (
ESE		1 -										3.6	3.1
SE	1.2	1.6										4.2	
SSE		. 4										1.6	
\$		1 - 1	1.3									1.7	7.1
SSW	- 21	7										1.2	3.
SW													
wsw		. 1		. 7								-6	
w		1.6										1.5	
WNW	1	- 1		1								2.4	5.
NW	7.0	2.6	4.5	1.2	- 4							12.5	7.
NNW	7.2	6.1	7.4	4 8								21.44	7.
VARBL										LI			
CALM	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	$>\!\!<$	15.8	

TOTAL NUMBER OF OSSERVATIONS

310

SMO

☆US GPO 1984 741 348, 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	· · · · · · · · · · · · · · · · · · ·			ALL WE	A. H. C.						HOV
	_					ibitiĝi						
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	2.5	7	4.2	-1 -24								18.4
NNE	, ,	1.2										7.1
NE	3											4.5
ENE		1.3										4.2
E	1.3	1.5										4.2
ESE	lan	2.1		,								4.2
SE		1.2	3			1						1.0
SSE	, 1	1 3										
\$		لندني										1.5
55W												1.1
SW								<u> </u>				1.3
WSW												-
W	انتيا	نب.		L		<u> </u>		ļ				1.0
WNW		1				L		L				2.2
NW	2.2	2.6	3.6	1.4		<u> </u>		L				10.0
NNW	لننا	4 5	3.9	3.2	1.5	-3						140.
VARSL									L			
CALM												13.0

TOTAL NUMBER OF OSSERVATIONS

10

SURFACE 'VINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LEMBO) 25, CA	STATIG	M HAME			73-27			YEAR	·			MENTH
	_				ALL YE	ATHER							B (LS.T.)
	_				CON	191 Y 1041							
SPEED (KNTS) DIR.	1 - 3	4.4	7 - 10	11 - 16	17 - 21	22 · 27	29 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.2	7	12.5	3.5	- 2							29.4	7.5
NNE	1.3	7.7	4.2	- 6								18.5	5.6
NE	2.6	7.5										3.5	3.9
ENE		7.7										4.5	9.4
ŧ	2 1	3 - 7	1.3	. 3								7.4	3.0
ESE	7	1.3	1.5		L			<u> </u>	<u></u>	<u> </u>		2.6	6.1
\$E	1				<u> </u>		<u> </u>		<u> </u>		<u> </u>	100	2.5
\$9E		-3					<u> </u>	L	<u> </u>			<u></u>	9.0
	-3			ļ					<u> </u>			1 3	2.5
\$5W		<u> </u>					<u> </u>	<u> </u>	<u> </u>	<u> </u>		1.5	15.3
3W		ļ <u></u>		ļ									10.0
W\$W		L		<u></u>			<u> </u>		<u> </u>	 _		1.0	4.7
<u> </u>			1.7	——			ļ			ļ		ـ تملـــــــــــــــــــــــــــــــــــ	7.0
WWW	تم	3	ļ		 -							46	4.5
NW	-4	1.5	1.1			-3-						4.2	كمق
NHW	2.0	4.5	4.5	2.3	-3			<u> </u>				18.5	7.2
VARBL	_		 _	 								4	
CALM	$\geq \leq$	\simeq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.7	<u> </u>
	لفحفد	35.7	27.0	9.4	1.0	3	L					100-0	1 5.9

TOTAL NUMBER OF OSSERVATIONS

SMOS

#US GP0 1984 741 348/201

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NNE NE NE RNE RNE EST SST SST SSW SSW SW WSW WNW NW NW NW NW NW NO SW NO						C91	HBITION						
(RNTS)		-	 -			· · · · · · · · · · · · · · · · · · ·					_		
NNE	(KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
NNE NE NE NE NE NE NE NE NE NE NE NE NE	N	10.5	2.2		- 3								20.4
NE ENE ENE ENE ENE ENE ENE ENE ENE ENE	NNE						ļ <u> </u>	ļ	L	ļ			2.
ENE	NE	1.1	1.3	L				L	<u> </u>	L			
ESE	ENE	1.5											فعد
### ### ##############################			1 "						<u> </u>				1.6
SE	ESE			L				I					
SSE	SE						L	<u> </u>			Ĺ		
S	352									[
SSW	\$					- 3	L						
SW	55W						<u></u>	<u> </u>	<u></u>				
W	SW								<u> </u>				المنا
W 1 2 3 3 3 11 1 1 1 1 1 1 1 1 1 1 1 1 1	WSW			1	1.2		L						3.
NW 7-2 5-1 2 3 110	w	1	, ,						<u> </u>				1
NW 7 2 5 1 2 3 115	WNW	1	1.6								L		1
NOW . 6 7 4 3 2 1	NW	1.2	1				<u> </u>						
	NNW	3	7.4	1.2			ļ		<u> </u>	L	L		Liza
	VARM							L	<u> </u>				

TOTAL NUMBER OF OBSERVATIONS

____3

SMOS

RUS, GPO 1984 741 348, 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		SYATION			ALL YE	ATHES			YEA 85				22 5 (L.S.T.)
	_				cor	1917/04							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2		- 5	7						1		2.5	.5.
NNE		. '7	,										ė.
NE													
ENE													
l.												1	
ESE								Ĺ					5.
SIL		- 2		,				L					9
SSE								<u> </u>		<u> </u>		-3	7.
	-	1.7		L					<u> </u>	<u> </u>		1.9	1 5.
SSW	,		-6	3					<u> </u>			1.3	
SW	اقما	1.9.	. 1					<u> </u>				1.2	3.
W\$W	4.5	3.5	6	- 3								9.4	
W	11.3	7.1	-3					<u> </u>				18.7	3.
WNW	7.4	11.9	1.0	<u> </u>					<u> </u>			20.3	
NW	4.2	7.7	3.5	1.4	Ĺ <u>.</u>	<u> </u>		<u> </u>		<u> </u>		17.1	5.
NNW	103	2.4	4.2	2.1		<u> </u>						8.7	7.
VARBL					L	<u> </u>			L		L		<u> </u>
CALM			\sim									12.3	l

TOTAL NUMBER OF OSSERVATIONS

313

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				466-46	Wat 5				_		- HOU'S	k (t.s
	-					IDITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W SF
N	2.7		7.4	1.2	-1							11.5	
NNE	1 7	1 :		1	•							7.5	
NE		- 4 - 5	•									2.1	
ENE		,								1		1	
ŧ	, •			3	Í							2.4	
ESE		- 2							ļ ————			3.3	
SE	, , ,		-3						<u> </u>			201	
SSE	1 2	•	- 2	•				<u> </u>				2-1	
\$	1.3	,		-	-1							2.0	Г
ssw	1 1 2		2	2	**							1.3	Γ
SW	1 7											2.6	Γ
WSW	. 2 . 1	1 2	- 2	• 7								4.7	Γ
w	53	3.0	,	5				L				4.5	
WNW	7 7	-3.4				<u> </u>		L				7.7	
NW	2.3	5.0	2									12.3	<u> </u>
NNW	7.7	4.2	1.1	1.0		<u> </u>						12.3	L
VARSL					L								<u>_</u>
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$\geq \leq$	19.3	
	72 1	10.0	13.2			,						100-3	

SMOS

#U.S. GPO 1984-741-348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL #E	LAM		<u></u>				HOU 8	\$ (L.S.T.)
	_				Ç	BITION							
SPEED (KNTS) Dilt.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEA WIN SPEE
- N	-	, ,	<u> </u>		_							7.7	-
NNE	,	***											-
NE	7		-		-							7	
ENE												7	2
e e	, ,	, .										1.1	2
ESE			,									4.1	
SE	2.6	2 7	· · ·									4.2	
SSE		1.7	-+									3.6	-
8			. 7	. 7								2.5	4
ssw	1 -	,										1.7	3
sw	1.0	1.0		. 7			<u> </u>					2.3	_5
WSW		1.7	. 1									5.0	1
w	2-0	3. 1										1003	
WNW	3.00	2.7										600	1
NW	2.3	7.1	2 . 1									7.3	
MMW	7.3	1.1	2-1	. 7								7.7	
VARM													
CALM	$\supset \subset$	$\supset \subset$	> <	$>\!\!<$	$\supset \subset$	>>	$\supset <$	$\supset \subset$	>>	$\supset \subset$	> <	36.3	
	31.2	20.1	9 - 7	1.7	•							100-0	,

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STÄTION	ستشفيا	SHE. CA	STATION	I HAME			73-67		 -,	TEARS				6ntu
		_				ALL AE	23H14						NOU R	C N F (L.E T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N				7								1-0	A . O
	NNE													5.7
	NE													
	ENE													9.0
	E	1	1.7										7.1	1.5
	ese	3 7	7	1.									4.3	4.2
	SE		1.3										A . D	4.2
	\$\$E	3 7	2.3											3.4
	. 5	2 7	1							l			5.7	4.2
	SSW		1 - 2										2.3	A . 7
	\$W	, , ,	1 7										7 2	L.A.
	WSW		1 7		?								5.7	1.5
	W		A To										9.7	I.A
	WNW		, , ,	1									9.0	3.5
	NW			1.5	7								0.7	4-8
	New	7	2.7	2.2									6.7	A . 1
	VARSL			W W 1**										
	CALM	$\supset <$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	35 ₀ ⊓	

TOTAL NUMBER OF OSSERVATIONS

SMO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ن <u>ائنا</u>		هن.	STATIO	N NAME			13544			reass	 -		<u>n</u>	HTHOM
			_				ALL SE	ATHE ?							7 8 (L S T)
			-				COL	IPITION							
	SPEED (KNTS) DIR.	1.	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N			,		İ								4 - 2	1 1
	NNE													1.3	3.0
	NE		1												2.
	ENE		<u> </u>	- 7		[3.
	E		7		-									2.1	
	ESE	7		1 - 3	7						L			5.3	3.5
	SE		7	2.1										3.7	4.1
	\$\$2	=	1	1 ?	- 3									6.0	3.5
	3		_	, ,	,	I -									7 0

TOTAL NUMBER OF OSSERVATIONS

41.5

SMOS

SSW WSW W NW YARBL

G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ن هند	,	STATION	HAME			-11	.		YEARS			- 	Biti
	_				-6-4:	A de la company							ficer -
	_				CON	31T100							
SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. ,	2_5	1.7	1 4	,				1			13	1.:
NNE	, ,	1 7	7 7									3.7	4-1
NE	7	•••	•			<u> </u>							2.4
ENE		• ;											2.3
E E			1 7	,								5.7	5.5
ESE	, ,	1-4		•	ļ — — — — — — — — — — — — — — — — — — —							6.1	3.6
SE		1 7	1 Y	. ,								3.1	4.8
SSE		•••										2.5	4.6
\$		***	1.4	1+4								7.7	4 4
SSW	, • , 1	7											2.7
sw		• ;							i – –				-
WSW	,	-									~		2
w	1											1 . 7	3.8
WNW	7	1	. ?									2.4	4-3
NW		2 1	1 - 7	2.5								4	4.1
NNW	3 - 5	2 . 4	3.7	2.7	. 1							12.2	7.4
VARBL													
CALM	$\supset \subset$	$\overline{}$	$\overline{}$	\sim	$\supset \subset$	\sim	$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$	23.3	

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION			STATIO	N NAME			- 3			YEARS				TON'TH
		_		<u>. </u>		كادا «اق	AT ME						HOUR	} ((• • - -
		-				cer	IDITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
<u> </u>	N			·-									12.7	۲.3

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		٤,	•									12.7	6.3
NNE		,	1 ,			l							
NE		1-3	,				I				i	2. *	4
ENE	` "	79											-
ŧ	7 . 3	2. 7	,									7 - 1	
ESE	, ,	, ,										, ,	- 2-2
SE	3 7	3	,	1.1								7.7	5.
SSE	,	 ,		,									7.2
\$	•											1.7	4.3
SSW		,	• • •	,									5 . 3
\$W	 ; !		-									***	
wsw				. 1								•	15.
	-											1.	3
WNW	 	-	· · · ·										
NW		•	 									5.7	5-1
NNW			-	- +								1	6.3
VARBL					10.3					·		13.4	1
CALM	\times	\times	\times	\times	>>	>	>>	> <	\geq	>>	>>	14.4	
	32.4	27-1	17.7	13.5	1.3							120.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1:

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				1 to 1	LASS						HOU
	_				con	BITION						
	- 	····								_ _		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56) 1
N		F	1.1									
NNE			1	,	Ĺ	ļ				L		3
NE	•	1 2 1	7						L			1
ENE	·	2								<u> </u>		
E		1.1										1
ESE		1	2	- 3		<u> </u>				l		1 ,
SE		1	7									
SSE				•								
5					<u> </u>							
SSW											l	
SW				•								
WSW		<u> </u>										
w			7									
WNW		1	•									
NW	1	1	,									
NNW		1	ــــــــــــــــــــــــــــــــــــــ	2					L			1:
VARSL							<u> </u>		<u> </u>			
CALM									T\			1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO	A AVEL		ان بلد	ATHER			YEARS				PORTH 1 G
	-					LASS							S (L S Y
	-				COL	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEA WIR
N		1.	,					<u> </u>				7.2	
NNE												1	:
NE	1 1											1 . 7	7
ENE									T				-
E				7								3	:
ESE												3.7	<u> </u>
SE	1	1.7										3.3	
SSE												4.3	٤
5		1	1.7									5.4	ف
55W_													7.
SW	,												:
wsw	1	1.7		.,								1	4
w		100	2									Ja.	5
WNW		2.7								<u> </u>		4.7	2
NW		1	2.7						L			11.7	5
NNW	7	4	1.7	7								8.	-3
VARBL													
CALM					><		\sim			\sim	\sim	75.65	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>		STATIO	1 MARE			/*-42		,	YEARS			_ 	Gafrii
	-				غال سۇ	A Talf						HOUR	つ <i>つ</i> \$ (6.8 f.)
	-	· · · · · · · · · · · · · · · · · · ·			CON	IB17100				-			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	1.3										2.0	3.7
NNE	,	•••										7	5
NE													2
ENE		•						}				1.3	3.3
ŧ		7										1	3.7
ESE		, ,											2.5
SE	. ,	1	7						[3.1	4.5
SSE		, ,										2.3	-4-3
S	. 7			,								, ,	5.0
SSW		1 7	14									4.7	3.9
_sw													40.5
wsw	4.7	1										4.7	3
w												13	3.7
WNW		7	,									6.7	3.6
NW		5.7	3 7	1.3	2							14	5.3
NNW		1 1	1 - 1	7								4.5	6.3
VARBL			_ ••										
CALM		><	$>\!\!<$	><	> <	> <	><	> <	> <		> <	25.0	
					دسست								

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		3205 TA	STATIO	I HAME			71-9:			/EARS			<u></u>	O V
		_				ALL YE	ATHES LASS						HOUR	i i
		-				CON	IDITION							
	r	 				r——	Γ -		<u> </u>				<u></u>	
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		3 . 3	1	.1									5.8
	NNE	1 2	1.3										3.4	4 - 1
	NE												3.5	3.4
	ENE	3											lab	3.3
	E		1.1										1.6	2.0
	ESE	, , , ,	1										Mel	4.1
	SE	, ,	•	7										5.1
	352		1.6	7									4.6	5.0
		2.2			7			<u></u>					3.3	4.9
	SSW		7	. 2	. 1	0							2.1	9.3
	sw	1	مَ	1							<u> </u>		1.6	3.6
	WSW	2.1	1.3		3						<u> </u>		305	3.3
	w	7.7	2.2				ļ					i	5.9	3.5
	WNW	2.2	1.6	4							<u> </u>		404	201
	NW	2.5	3.4	1.7	7								8.4	5.7
	NNW	2.2	7.1	2.3	1.4			_,_					9.1	bat
	VARBL													
	CALM	$\geq \leq$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	29.5	

TOTAL NUMBER OF OSSERVATIONS

#U.S. GPO 1984 741 348: 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION	1545	<u> </u>	STATIO	HANR			13-13			'EARS				RATE .
		-				شارات خال م	A YME ?						HOVE	7) \$ \$ (\$.8.7.1)
		-				con	SITION.							
[SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAP WINE SPEEC
Ī	N	- 1- 1-											1.5	3.
	NNE	1	1											3
	NE													
[ENE	I											1.0	3.
Ι	ŧ		1 1										4.7	3.
	ESE	2.6											7 . 1	-
Γ	SE	2.3	2.5										5-5	4
Г	SSE		1 7		4	- 3							4.5	
- [5		7-4	•	7								4.5	_
Γ	SSW												2.1	2.
Γ	5W												1.0	3
Γ	WSW		1_0			3							7.6	*
	w												5 5	2.
[WNW	11	1.0	-3									4.2	-\$+
	NW	2.1			,								9.5	-5-
	NNW		1-4										3.4	
r	VARBL													
	CALM		$\supset <$	\times	$\geq <$	$\supset <$	$\supset <$	> <	><	$>\!\!<$	$\supset <$	><	36.5	
Γ			32.5	8 E	2.4								100-0	-7 -

. 202

- #U.S GPO 1984 741-348 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(RNTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 2-56 % W SP	Files	DRT. TA	STATIO	-			13-97			YEA RS				E C
SPEED (KINTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 % WW (KINTS) DIR. N 1 1 1 1 5 1 7 7		-				444	ATHES						HOUR	17.8e 8 (1.8 f.)
(RNTS)		-				CO	1517100							
NNE	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WINE SPEEL
NNE NE NE NE NE NE NE NE NE NE NE NE NE	N	1.00	1.5	- 3	- 7								4.2	4 .
NE	NNE		1										T	4.
ENE 1	NE													2.
E 1 9 1 7 3 2 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ENE												II .	3.0
### ### ### #### #####################			1.3										3.2	7.
SE 7.5 2.0 1.7 T 5 SSE 7.5 2.3 6 S 1.5 1.7 T 5 SSW 7.7 7 5 SW 7.7 5 WWW 1.7 1.6 7 WNW 7.0 1.2 7 NW 7.0 1.6 7 NWW 1.5 1.0 1.5 1.6 7 NNW 1.5 1.0 1.5 1.6 7 NNW 1.5 1.0 1.5 1.6 7 NNW 1.5 1.0 1.5 1.6 7 VARBL CALM T 7.7 5 T 7.7	ESE		2.2											
SSE 7.5 2.3 6 6.5 3 SSW 7.3 7 7 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.6 2.6 3 WNW 7.0 1.0 1.0 7 2.6 3 WNW 7.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	SÆ	2.4		1.3		7								5.
SSW 2.3	SSE	7.5											6.5	3.
SW 2.7 .6 2.0 2.0 3 WSW 1.7 1.6 2.0 3 WNW 2.0 1.2 .3	\$	خدد	1.0							I			4.6	3.
WSW 1 1 1 6 2 1 6 3 4 6 5 3 4 6 6 5 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	SSW	2.3		- 3									2.5	2.
W - 0 10 1 2 1 3 1 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	SW	3.3	6										2.9	2.
WHW 2.6 1.6 .7 NW 1.5 1.3 1.6 NNW 1.5 1.2 1.5 1.6 NNW 1.0 1.2 1.5 3 VARBL CALM 34.2	W\$W	1.7	1.6					L					2.0	3.
NW 1.5 1.0 1.5 1.6	W	2.0	1.2	- 3					Ĺ				205	مد
NNW 1-7 1-2 1-5 3 5 4-2 5 CALM 34-2	WNW	2,6	1.6								L		le5	3.
VARSA CALM 34 , 2	NW	1.5	1.3	1.1	1.6			<u> </u>	L	L			S. Y.	6.
CALM 34 • 2	NNW	1.5	1.2	1.5				L	<u></u>	ļ			4.4	5.
	VARBL								<u></u>		ĻJ			L
	CALM	><	><	$>\!\!<$	><	><	$>\!\!<$	><	><	><	><	$>\!\!<$	34 . 2	ĺ

. 500

SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ +		STATIO	N KAME						YEARS				MATERIAL
	_				ALL HE	A HE						HOV 5	ny Filiari
	-				chi	IBITION				_			
SPEED (KNTS) DIR,	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1 - 1	2.1	- 7									4.5	4.0
NNE		1 7										1.6	4 . 17
NE													
ENE		. ₹										1.0	2.7
E	7.6	1.3	7									4.2	3.1
ESE	7.2	1.4	2.7									7.4	6.3
SE	1	1.9	- 7 - 4						I			7.1	5.2
SSE	2.2	1 - 4										5.4	4.2
5		1.0										5.6	3-1
SSW		7	- 1									1.9	3.2
SW		3										1.9	2.3
WSW												2.1	3.4
w	~ ,	1 - 4	- 3		I .							4.5	7.4
WNW	1.3		7						Ĭ			7-3	
NW	3 1	1.0	1.3		1							4.4	5.7
NNW	1.7	2.4	1.0									5.7	5.2
VARBL													
CALM	\boxtimes	$\supset \subset$	\times	><	\boxtimes	><	$\triangleright <$	\times	$\geq <$	\searrow	> <	39.7	

DO.

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_			-	ALL EE	ATHER							i de la
	-				con	DITION .							
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MI WI SP
N	. 7	2.3	2.3	1.0	3							no.	ê
NNE				3				· ·				1.3	Á
NE													15
ENE		2										5.	3
E	7 5	1.6										5.4	- 3
ESE	2.5	3.2	1.	- 1			L					7.4	-
SE	5.0	3.2	1.6				L					10.6	
SSE	2.4	3.0	1									9.5	5
8	1.2	4.5	1.6									8.7	5
SSW	1.2	3							<u> </u>			1.6	_ 2
\$W	- 3		- 2									6	5
W\$W	خمـ						<u> </u>					- 45	Lı
w	1.0			L	L				ļ			105	2
WHW	نود ا	1										2.3	
NW	1.4	1-4-	1.6	1.3								6.8	
NNW		2.3	1.2	2.3						L		7.0	
VARBL									_				
CAUA	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	29.7	
	21.5	24.4	11.2	7.1	1.0					1 7		100.0	

80404

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	L (M) (12 6 + 1.4	STATIO	HAME			23-47	_		YEARS				Santin .
		_				مدد سو	ATHER.						HOVE	1 (L. 1. 1.)
		_				CON	1917104							
1 (SPEED KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	3.5	5 - 5	2.1	1.3	. ₹							10.5	5.3
	NNE		2.1	7.5						T			4.5	5.0
	NE	2 . 5	7										7.5	2.7
	ENE	, ,	4	7									1	W - 7
	Ē	6 6	2 7	7									-	1.2
	ESE	7 3	2 0	1 4		-,1							0.7	4.0
	SE	7	4 3	1	3					1				4.6
	SSE	7 7	, ,	7	1.0	. 1							5 7	4 3
	\$	7	1.6	1 . 2	1								4.3	7.0
	35W	,			7 "								1.0	4 . 3
	SW		7	. 1						[1.3	7.0
	wsw			•										
	w	13											1.6	3.0
	WNW												1.5	5.0
	NW		1.1	1.6		1.3								10.6
	NNW	1 5	2. 1	1.5	7.0								13.6	8.7
	/ARBL													
	CALM	><	> <	$>\!\!<$	$\supset <$	> <	> <	$\supset <$	$\supset <$	$>\!\!<$	> <	>>	20.3	
_									7					

TOTAL NUMBER OF OBSERVATIONS

310

SMOS

#US. GPO 1984 741.348.201

P. C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	LEMIL	E, CA	STATIO	N NAME			77-17		 ,	TEAMS			_ 	E C
		-				ALL HE	A THE P							1 & 16 (1.5 T.)
		-				ć	D17104							
	SPRED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	4.2	7.2	2.0	1.0	_ 3							14.7	5.6
	NNE	2.6	2.0	1.0	3								5.5	4.7
	NE	: 5	- 3	- 3									1.00	
	ENE	1.7	1.0 3	2					L				7.5	9.1
	E .	2.3	2.13	- 7									3.2	3.7
	ese	3.4	2. 4	7	7	. 1							Bal	5.6
	SE	3-3	1 - 3										9	3.7
	388	2. 7	1	1.40									3.3	9.3
	8	1.4	1.5	7						I			2.9	4.2
	SSW	3							L				- 3	2.0
	634				,		1				I I			5 8

TOTAL NUMBER OF CESERVATIONS

29.1

WNW NW NNW VARBL

CALM

#U.S. GPO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BTATION -	<u>Linkson</u>	- CA	STATION	MANE	 	- 23-4	2		YEARS	 	 - DE C
		-	· .		 نالك	TE A THE	<u> </u>	 ,			HOURE (L S T.)
		-				CONSITION					
	_				 						
ſ	*****										

SPEED (KNTS) DIR.	1 - 3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		12	7									4.2	3.7
NNE		7										1.3	2
NE		1							L				3.1
ENE	, ,]							4.3
ŧ			7									1.0	2.5
ESE	,	, ,	7	,								I ii	1.7
SE		1 0	7	**								5.5	1.2
SSE	3 3	7 .			V *							7.0	
\$	3.2	3,3										7.1	
SSW	-			,									401
SW	 		,									2 - 3	# • 7
WSW		-4+4	.7 . 0			T						1	4-3
w	2-4		4 + **					 		-		1 1 1	7. 6
WNW		1.0							· · · · · · ·			****	
NW	1.0	3+3	1										
NNW	100	6.2			3	 • * -						9-3-	-6+3
VARM	 	3.2	1.7					·	 			 601	_5.1
				—	$\overline{}$	$\overline{}$					\leftarrow	-	
CALM		\sim	\sim	$\geq \leq$						$\geq \leq$	$\geq \leq$	29.A	
	20.6	30-4	2.1	1 . 4	1.0						_	120.0	_1.2

OTAL NUMBER OF	OSSERVATIONS	100

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

سئفلنيا		STATION	HABE		63 A 18	73-23			TEARS				FORTH
	_			····	ELL E	ATHE							\$ (L.S.T
	-				COL	lb(TiQH				_			
SPL_J (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN
N	1.0	1.0										1	•
NNE				ĺ		[2
NE	- /-											1.3	3
ENE						I							
Ł	3.	1.1										205	3
ESE	` ,	1.6										5 7	ξ,
SE		2.3	1.3	3								4.3	7
SSE	7	2.5	3	έ,								6.5	4
8	~ .	3.0			<u> </u>							7.9	4
SSW	1	1.3		<u> </u>				<u> </u>		L		206	
\$W		1.5								L		502	-:
WSW		1.3		·				L	L	ļ		5.1	_2
	0.5	5.8										12.9	_:
WHW	10-	3.5	10.	L				L				5.E	
NW		3.9	1.3	-3					L	L		4.5	_6
NNW	1.01	1.3	2.3					L				5.2	ف
VARBL		Ļ			_		<u> </u>			Ļ		 	<u> </u>
CALM	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	25.6	
	12.7	32.4	7.8				L	L		<u> </u>		لممصل	
										ABER OF OSI			

#U.S. GPO 1984 741:348/201

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	Limit	34 4 33	STATION	I NAME			13-14		 ,	TEARS				DATH
			<u> </u>			الله المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية ا	AJAF							1 to 7 .
		-				coa	PITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - 55	≥ 56	*	MEAN WIND SPEED
<u> </u>	N	7.	. 2 7	,	- 5	,							<u> </u>	4
[NNE				1								, -	4.1
[NE													3.4
Į.	ENE												1.2	3.6
į.			, ,										4.6	3.3
i	ese	3	2.4	-1-1									7.	2.0
	<u>se</u>		2.5	1 2	- 3								6.7	4.0
	\$SE		7.7						ļ	ļ	L			4.9
,	\$	7.6	2.4		- 3				ļ	 _			5.3	4.6
ļ	\$5W										L		105	-3-3
ļ	sw					L					 		↓	-3.7
ļ	wsw	1			ļ									-3.6-
.		2	1.7							 -	 		4.7	-3-3-
.	WNW	1-7-	1-7-	ــب							 		3.0	-4-5-
	NW	- 1-1 -	7.4			-3		<u> </u>	ļ		 			-6+7-
ŀ	VARSL		203	1.2	1.2					 	 		4.7	700
	CALM		\sim	>	$\overline{}$	$\overline{}$	>	>	>	><	\sim	> <	70.7	
		25.4	28.7	١٠٥	2.5	3.:							100.0	, ,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-	har . A	ETATIO	N NAME			13-35		 ,	YEARS			A	IDNTH
	_				<u> </u>	ATHE						HOUR	tar.
	_				con	DITION							
	,,		,		,			, ——		,		,	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. ,			1.7	2							10.7	F . 7
NNE	1	1.5	ŝ									I.	5.3
NE			Y.									1-4	4 3
ENE			,									1.4	3
£	1	1 -	7									2.7	3.4
ESE	,			- 1								2.	غمو
SE	, ,	1.2	ı.	7	,,							3.3	5.0
358		1.1					<u> </u>		<u> </u>			اعتا	٤ ۲
\$	1	1.1	- 1								<u></u>	3.4	_5.2
\$\$W_	3_	G.	7									100	Mañ
\$W_										ļ <u> </u>		leë.	9.5
WSW			2				<u> </u>					2.7	تمعو
w		2.4					<u> </u>	ļ			ļ	E.	تمك
WNW		3.7						<u> </u>				6.5	ذمق_
NW	- ,	1.01	2 1	٦								13.5	تمع
NNW		5.1	3.4	2.4								16.6	7
VARSL													
CALM		$\overline{}$										14.4	

TOTAL NUMBER OF OBSERVATIONS

29196

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				} * * * * * * * * * * * * * * * * * * *	IN E AL T						HOUS	a h
	-		- 150-1	- 14:	2-1/2	Sivion ·	/2 4] (16 -i,	C. HO.	<u> </u>				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56		_
N		3		- 1								,	-
NNE												,	
NE	, ,	,,										1	_
ENE		7										:	
£		• 7	7										•
ESE			,	,	. "							,	:
SE	,	7 :	_	2.	,							7.1	•
SSE		2.4		. 6									1
5													Ţ
SSW			. 1			-						1	1
SW												1.	Ī
WSW												1	Ţ
w	,	1 4											I
WNW	, ,												
NW		2 1	1.1		,								T"
NNW	1	2 7	3 . 7										L
YARBL													L
CALM	\times	\times	\times	\times	\times	><	><	><	><	><	><	*2.4	
												1	Γ

NOCD, Federal Building Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By Month all years and all hours combined
- 3. By Month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	SIBILITY IS	TATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	\					\sim							·			
1		\sim								\sim	>			$\overline{}$		\sim
≥ 1800 ≥ 1500					91.0											52.
≥ 1200 ≥ 1000												-				
≥ 900 ≥ 800		'														
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4					+ 	98.
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%.

 Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10 Scattered converted to 3/10 Broken converted to 9/10 Overcast converted to 10/10 Obscured converted to 10/10

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				-			VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥i	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	77 . 7 . 1	72.3	27.4	29.9	34.6	77.4	38.4 40.3	39.7 41.6	40.3	41.0 43.9	45.2	43.2	44.9	44.3	45.2	
≥ 18000 ≥ 16000	* * * * & *	22.3 12.3	27.4 27.4	31.7 30.7	36.5 36.5	47 . u	40.3 90.3	#1.5 41.7	42.€	43.1	45.2	45.2 45.5	47.4	47.1 47.4	47.4 47.7	
≥ 14000 ≥ 12000		22 - 1 24 - 2	24.1	?1.3 32.9	37 • 1 39 • 1	38.4 43.3	41.3	42.9 44.3	43.6 45.5	4' . Z	46.4	46.5	4 2 . 4	45.4 5.1.3	41.7	
≥ 10000 ≥ 9000	16.7	24.	30.0 30.0	34.2	40.3	41.6	44.5	46.5	47.1	40.7	50.3 50.3	50.3 50.3	17.3	52.3	32.5 62.5	7 4 . 6 (6 . 7
≥ 8000 ≥ 7000	21.6	26 • 1	31.9	35.8 35.1	42.3	43.6	46.5 45.6	48.8	49.0	51.0 52.3	32.9	52.9	54.5	54.0	55.2 55.6	7.4
≥ 6000 ≥ 5000	11.7	27.1 78.4	37.6 34.2	₹6.8 3^.4	45.6	44.5 46.5	47.7 49.4	49.7 [1.3	50.7	57.2 34.7	54.5 55.1	54.5 56.1	56.4 55.4	50.A	57.1 55.7	61a
≥ 4500 ≥ 4000	14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30.4 30.4	1 1	39.7	46.8 47.7	48 - 1	51.º°	42.9 54.2	51.0 51.7	57.7	59.7	57.7 57.0	51.3	63.0	67.3	1
≥ 3500 ≥ 3000	17.7	32.7	36.3 34.7	41.3 43.2	40.4 50.3	49.7	57.8 58.5	5.4 • 9 = 7 • 1	35.0 58.1	56.4 50.7	50.7 61.5	63.7	61.9 64.7	61.9	64.5	44.5 65.65
≥ 2500 ≥ 2000	1 % • 2 2 • 4 1	39.2 35.5	41.9 42.9	45.5	53.A 55.2	54 • 5 55 • 5	58.1 59.7	°0.7 ≤7.3	51.6 63.2	64.2	65.5	55.5 67.1	57.7 67.4	67.7 67.4	69.7	7 . 7
≥ 1800 ≥ 1500	14.7	35 a 4	47.9	47.7		56.5	59.7 60.0	50.3 53.2	53.7	45.9 67.1	67.1 68.4	57.1 68.4	5°.4	69.4 70.7	60.7 71.0	71.7
≥ 1200 ≥ 1000	14.7 14.2	75.3	43.7	40.1 40.4	56.1 56.5	57.7 58.4	61.0 62.6		53.5 57.1	8: •4 70 • 3	64.7 71.5	69.7	71.0	71.0	72.3	74.5 75.3
≥ 900 ≥ 800	14.7	35.0 35.9	43.2	47.4	1 1 1 1	35 • 7 58 • 7	63.2 63.5	56 • 8 57 • 8	57.7	71.0	77.3	72.3	74.5	75.6	75.0	77.4
≥ 700 ≥ 600	14.7	75.8	43.2	4 3 . 7		58 • 7 59 • 7	63.6 64.8	67.4 69.0	68.4 70.0	71 of. 73 o 2	74.3	77.2	77.4	75.5	76.1 77.7	75 4 B
≥ 500 ≥ 400	14.2	36.1 36.1	43.5	45.7	57.7 59.1	57.7 (0.0	65.8	70.7 72.3	71.6	74.5 76.5	76.5 75.1	76.5	79.7	79.4	79.7	51.9 51.5
≥ 300 ≥ 200	14.2	36 • 1 36 • 1	43.9	49.4	58.4 58.4	60.3 63.3	56.5	73.6 72.9	74 . R	77.7 73.4	79.4	79.4	61.9 82.9	92.3 83.2	32.6 84.5	27.1
≥ 100 ≥ 0	14.07	36.1 36.1	4 7 6	49.4	55.4	60.3 40.3	66.5	73.9	75.7	78.7 73.7		41.3	F4 . 8	1	A7.1	୭5. 120.ପ

TOTAL NUMBER OF OBSERVATIONS

DIRNAMOCEANMET

CEILING VERSUS VISIBILITY

ZTYLO LONGORE, CA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~ 4

CEILING			-				VIS	IBILITY (ST	ATUTE MIL	ES)	-					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 11/1	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	7 a 4 4 a 4	19.4 23.	23.00 24.5	25.6 27.1	30.0 31.3	70 · 3	32.6	73.4 35.5	33.6 35.8	35 • 2 37 • 4	36.5 38.7	36.8 39.0	3 ?	35.7	39.7 47.3	#4.°
≥ 18000 ≥ 16000	9 . s	20.0 20.0	24.5	27.1	31.3	31.9	34.5	35.5 35.8	35.8 36.1	37.4 37.7	39.7 39.0	39.0 39.4	41.3	41.5 41.5	42.3	44.5 44.5
≥ 14000 ≥ 12000	\	20.7	25.2	21.7	31.9	32 · 5	35.2 36.1	36.5	36.3	38.4	30.7	41.3	43.6	47.3	43.7 44.5	45 . S
≥ 10000 ≥ 9000	16 • 7 16 • 7	72.7 22.4	23.1 23.1	30.7 37.7	34.4	35 • 5 35 • 5	38.1	40.0	47.7	42.3	43.6	43.9	46.1	46.1	47.1	49.4 40.4
≥ 8000 ≥ 7000	11.7	24 • 3 24 • 5	2% s	32.6 33.2	37.1	37 . 7 38 . 4	41.0	42.0	43.0	45.2 45.5	45.5 47.1	46.5	49.7	49.7	59.0 50 .7	8 π . 8 5 γ . 9
≥ 6000 ≥ 5000	13.67	25.2 25.1	31.	34.2	32.7	41.0	41.9	46.8	44.5	46.F	48.1 50.7	45.8 51.0	50.7	50.7 53.2	51.6 54.2	53.9 63.6
≥ 4500 ≥ 4000	12.5	39.7 39.7	31.9 35.2	37.1	43.7	42.6 43.7	45.2	47.4	43.1	34.6 51.6	51.3 52.9	11.6 53.2	47.0 55.5	53.9	54.4 56.5	57.1 60.7
≥ 3500 ≥ 3000	4 • 3	31.4 ?3.3	37.0	41.0	47.4	48.0	49.4 51.3	51.6 :3.8	52.7 54.7	54.5 56.5	55.8 57.7	56.1 56.1	50.4	53.4	57.4 61.3	51.ec
≥ 2500 ≥ 2000	14.	34 • 2 34 • 5	40°C	63.6 44.5	49.4	50.7	52.3 53.6	54.5 55.8	55.7 55.5	57.4 58.7	\$8.7 60.3	59.0 6:.7	61.3	61.3 63.5	67.3	64.5 €5.5
≥ 1800 ≥ 1500	4	34.5	41.5	44.5	44.7	70.7 50.7	54.5	56.1 57.1	54.8 59.1	59.0 50.3	65.7	61.5	4 . F	53.6 54.5	54.5 65.5	56.8 (8.1
≥ 1200 ≥ 1000	14.2	74.7 74.9	41.7	44 . E	51.7	1.3	55.2 55.8	50.1	49.5 60.6	61.5 62.5	62.0	63.7	6° • 8	65.6	67.7	69.0 70.0
≥ 900 ≥ 800	4 4	34.4 34.6	41.3	44.3 44.3	57.7	71.5	56.1 56.1	₹9. 4 6].π	60•3 61•3	52.6 63.2	64.2 64.8	64.5 65.2	67.1 47.7	67.1 67.7	68.7	7: • ?
≥ 700 ≥ 600	14.4 14.7	34 a A	41.5	44.8 45.2	51.0 51.0	11.6	57.4 59.0	61.0 62.9	65.9	64.2 66.1	65.F	66.1	7' .7	68.7 70.7	69.7 71.6	74.
≥ 500 ≥ 400	14.7	35.2 35.2	41.6	45.2	51.5 51.6	12.9	59.7 60.0	61.9 64.3	54.8 55.6	67.4 65.7	69.7	69.4 71.0	71.9 71.6		72.0	75.1
≥ 300 ≥ 200	140	15 • 2 35 • 2	41.5	45.2	51.6 51.6	13.2 53.2	60.3	45.R	56.4 67.4	69.7 79.3	71.6 72.3	71.9			75 . A 76 . S	79.8
≥ 100 ≥ 0	14.5	35.2 35.2	41.6	45.2	51.6 51.6	53.2	60.7 63.7	66.8	67.7	71.6	73.9	74.2	79.4	_	81.0	47.4 100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

1

19.4

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURREN

HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S Y)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1%	1 ≤	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	î • ī	15.8	17.7	19.4	21.0	22.3	24.2 24.5	74.1 26.5	28.0 27.1	27 • 7 29 • 7	28 . 7 29 . 7	29. 30.0	20.7	29.7 30.7		34 . : 35 . \$
≥ 18000 ≥ 16000	2.7 5.7	16.1	18.1	19.7	21.3	22.3 22.3	74.5 74.5		27.1	29.7 26.7	29.7	30.0 30.0	30.7	30.7 33.7	31.3	\$
≥ 14000 ≥ 12000	9.1	17.4	15.4	21.0	22.4	23.6	25.8 26.5	77.7	24.4 29.4	30.5 31.6	31.3	31.6	37.9	32.3	32.9 34.5	37.1 32.4
≥ 10000 ≥ 9000	7, 7	19.7	21.6 21.5	23.2	25 • 7 25 • 7	26.1 26.1	29.7 28.7	71.0	31.6	33.9	35.5 35.8	35.8 36.1	35.8	36.3	37.4	41.
≥ 8000 ≥ 7000	10.1	21.3	25.6	26.2 75.5	79.1	29.4 29.0	31.0 31.9	33.2 34.2	34.7 35.2	36.8	36.7 37.7	39.0 40.0	47.0	40.0	47.7	45.
≥ 6000 ≥ 5000	11.5	77.5 24.5	24.5	26.1	24.4 31.5	79.4 32.6	32.6 35.6	34.8 35.1	75.5 79.0	38 . 7	40.7	41.0 44.8	41.7	45.8	40.5	46.
≥ 4500 ≥ 4000	11.4	26.5		29.7 31.7	32.6 33.0	33.6 34.3	36.8 38.1	₹9.0 40.3	47.3	43.2	45.5	45.8	45.8	46.1	47.4	٠. نعقر
≥ 3500 ≥ 3000	12.3	27.4	31.4	34.2	34 . 6	36.5	39.7	43.5	43.6	46.8	40.0 51.9	52.3	57.3	53.5	51.0	5.5 . 5 5 # a !
≥ 2500 ≥ 2000	13.3	31.0	33.2		57.4	41.6	44.8	*9.7	44.7 50.7	42.3 54.2	57.1	54.5	55.8 58.4	55.6 58.4	50.5	63.
≥ 1800 ≥ 1500	13.5	32.3	34.5		40.7	43.6		50.3	52.3	54.8 55.8	57.7 58.7	58.1 59.0	59.0 60.0	60.0		54.
≥ 1200 ≥ 1000	13.4	32.6	34.5		41.7	44.2	49.0 49.4	52.9	53.6 54.7	56.1	61.0	51.3 61.9	67.2	62 • 3 63 • 2	63.0	67. 52.
≥ 900 ≥ 800	14.7	32.9	35.2 35.2		41.6	44.5	49.7	53.2	54.5	55.4	61.9	62.3	63.6 63.6	63.6	54.7 64.2	69.0
≥ 700 ≥ 600	14.3	32.4			41.6	44.5		54.8	36.5		63.2	64.2	54.8 65.5	65 .5	65.5 66.1	71.5
≥ 500 ≥ 400	14.2	12.9 32.9		38.4	41.5	44.5		55.5	55.3	61.3	65.2	65.5	66.1 66.8	66 a 3	67.4	72.6
≥ 300 ≥ 200	14.3	32.9	35.2	35.4	41.6	44.5	51.3	56.1	58.4	63.9	68.1	70.0		71.6	70.3	
≥ 100 ≥ 0	10.2	32.9	35.2 35.2	38.4	41.6	44.5			55.4	64.8	71.0		74.2	74.5	76.5 77.7	

IAL	NUMBER	OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							٧IS	BILITY (ST	ATUTE MIL	ES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING	12.	12.5	17.7	21.0	3: • 3		23.5	19.8	30.1	32.0	27.4	32.4	7.7	37.7	32.7	73.3
≥ 20000	13.	79.7	22.5	23.3		79.1	37.5	13.7	34.7	36 . 3	30.6	35.6	26.7		36.9	
≥ 18000 ≥ 16000	13.7	20.7 23.7	27.0 27.0	23.3	75.0 26.7	9.1	32.5	33•7 34•3	34.7	36.4	36.9	36.9	37.5 37.5	37.2		77.4 75.0
≥ 14000 ≥ 12000	13.	20.7	22.0	73.0 24.3	26 • Z 27 • Z	39.5 36.4	32.4	2 (4 Y	34 . 7 25 . 6	30.2	37.2	37.2	37.5	77.5	37.5	E
≥ 10000 ≥ 9000	14.	72.7	23.3	25.2 25.3	28.2 28.5	31.7	35.3	77.9	37.2	4 . 8	42.4	41.4	41.5	41.2	42.7	43.4
≥ 8000 ≥ 7000	18.0	73.6 25.6	24.9	75.9	29.5 32.5	34.3	37.5	43.1	40.5	44.0	44.7	44.7	47.6	45.	47.5	43.6
≥ 6000 ≥ 5000	16.	28.5	29.7	32.4	33.3	27 . F	41.1	46.6	44.8	40.2	49.2	49.2	17.5	49.5 57.1	49.5	6
≥ 4500 ≥ 4000	17.7	79.5	31.1	33.7	36.3	43.A	46.3	47.6	47.9	51.8	57.8	52.8	55.0	53.1 55.0	53.1	13.7
≥ 3500 ≥ 3000	17.5	30.1		34.3	37.5	42.7	46.7	49.8	57.0	54.1 55.6	55.7	59.7	50.6	56	55.5	16.6
≥ 2500 ≥ 2000		72.4	35.6	36.7	47.1	45.6	50.5	53.7 75.0	54.1	58.3 59.6	50.9	59.9	61.5	61.5	61.7	6 i o i
≥ 1800 ≥ 1500	18.1	12.4				47.5		55.7	56 • C	50.2	61.6	01.3	60.1	53.8	67.1	k 2 . 4
≥ 1200 ≥ 1000	19.1	32.7	35.9		42.4	47.c		77.3	57.0	52.2 63.8	65.7	65.7	54.7	64.7	64.7	56.7
≥ 900 ≥ 800	1: 1	32.	35.9	35.2		48.2	55.0	59.6	60.7	65.1	67.	67.0	67.3		67.3	6 T . T
≥ 700 ≥ 600	1 0 1	32.7	35.9	39.2	42.4	48.2	55.0	50.0	63.8	65.0	69.2	68.7	59.6	69.3	69.6	1, 4 . 1
≥ 500 ≥ 400	14.1	12.7	35.9	79.2	42.7	-8.9 46.9	55.7 55.7	62.5 63.1	63.A 64.7	69.3	71.5	71.5	71.6	71.8	71.3	77.
≥ 300 ≥ 200	18.1	32.7	35.0	38.2	42.7	43.9	56.0	44.4	67.3	77.5	75.4	75.4	75.7	76.1	76.1	77.4
≥ 100 ≥ 0	19.1	32.7	35.9	36.2	43.	49.2	56.6		67.5	75.7	AF . 9	8G.9	87.9	83.8	85.4	93.5

TAL NUMBER	OF OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	10.1 12.1	17.5	19.1	23.7	26. 37.1	10.4	32.4	₹3.7 32.8	33.7		34.7	54.0 40.5	26.3 40.2	74.7 40.2	34.3	7 .
≥ 18000 ≥ 16000	1	75° 4	27.7	25.6	31.1	35.9 35.9	39.7	51.1 91.1	41.1	41.4	41.3	41.6	47.1 42.1	42.1	4. 7 . 1 4 7 . 1	4 ,
≥ 14000 ≥ 12000	12.5	23.7 22.7	22.3	24.2		36.8 79.2	30,5	#2.3 #5.0	42.1	42.4	42.7	40.7	47.0	45.	46.0	6
≥ 10000 ≥ 9000	1401	23.3	25.2	20.8		41.1	46.7	47.9	46.0	1	47.5	47.6	41.9	47.7	47.9	6.7
≥ 8000 ≥ 7000	15.3	25.6	25.7	72.73	3 - 3	43.4	47.0	70.8	5 7 . r 6 1 . n	50.0	51.1	52.4	51.5 20.0	51.5 52.5	51.5	€ <u>1</u>
≥ 6000 ≥ 5000	16.1	27.2	3 • 1	33.7	47.5	45.5	50.2 51.1	58.8 54.1	52.2 54.4		53.4	5.2. c			53.7	- 7
≥ 4500 ≥ 4000	17.0	28.3 50.7	31.1	34.5	41.5	46.4 53.0	51.5	58.3	54.7	55.	5 G . 7	54.2			55.7	
≥ 3500 ≥ 3000	1 7 - 1	31.7	30.0	39.5	46.3	£2.1	56.6	68.6		6	63.5	60.5	6. 8	6.7.5	\$9.8 \$3.4	
≥ 2500 ≥ 2000	3.1	15.3	3	42.4	51.1	57.0	81.5	ε4.7	65.1		65.7	65.7	45.5	66.6		65
≥ 1800 ≥ 1500	71.4	37.5	42.1	45.6	55.	60.3	56.D	65.3	59.6	69.4	77.7	70.2 73.5		70.5	70.6	7
≥ 1200 ≥ 1000	71.4	36.A	44.7	49.2	60.5	58.3	71.8	75.4	75.7	76.1	75.4	70.4		76.7	76.7	76
≥ 900 ≥ 900		30.5	45.0	40.3	67.8	69.6	75.7	76.9		93.6	30.9	80.9		81.2		11
≥ 700 ≥ 600	2.	39.5	45.3	50.2	63.4	70.2	76.4 77.4	00.9	81.7	91.9	82.2	87.7	22.5 65.8	35.6		5.2
≥ 500 ≥ 400	2.	39.5	45.3	50.2	64.1	71.2	74.0	86.1	87.1	*8.0 89.6	80.4	68.4 90.3	83.7 97.6	93.7	88.7 90.5	8.6 90
≥ 300 ≥ 200	2.0	39.5	45.3	50.2	64.1	72.2	79.6	#9.J	96.7	71.6	92.6	92.6	93.2	93.2 97.1	93.2	* 3
> 100	72.0	1						22.0			05.7			97.7		_

OTAL	NUMBER	OF	OBSERVATIONS	 3.3

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¥	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	14.4	24.3	27.4	**3	37.7 44.1	40 • 1	47.5		4 t	4 3 . 4 5 3 . 5	4 ° 4 7,0 0	43.4 53.6	r #		47.4 50.8	
≥ 18000 ≥ 16000	14.4	25.4	5° • 7	35.3	44.3	46.3	49.0 50.2	%′.8 31.1	1 1 • Y	51.1	50.0 51.1	50.5	11.1		50.0	,
≥ 14000 ≥ 12000	1:0	28.2	31.4	3: . 3	45.6	49.5	51.1 53.8	7.1	2.1	52.1	12.1	52.1	50.1	54.7	7.1	6 7
≥ 10000 ≥ 9000	17.5	29	39.4	31.5	40.8 53.5		57.6		55.9 50.4		5×.0	50.0		68.2	59.5	F
≥ 8000 ≥ 7000	10.7	11.4	36.9	41.3	52.4	57.7	61.2	57.7	38.9	7-5-1 64-4	67.1	55.1	47.1 50.4	43.1	+- 	
≥ 6000 ≥ 5000	14.	33.	38.5	44.5	54.7	59.7	63.4	65.3			t - 3	65.4	(4.3	4.04	66.	6.6.5
≥ 4500 ≥ 4000	70 • 4 2 • 4	76.4	30.8	45.5	57. 50.9	11.5	65.7	t7.3	7:06		67.6 7 . 5	57.0		67.6	67.6	11.
≥ 3500 ≥ 3000	5.4	47.1	44.5	53.1	61.03	+5.7	69.9 73.5	71.5 75.4	71.3	71.6 75.7	71.A 75.7	71.8	71.0	71.0	71.2	71.0
≥ 2500 ≥ 2000	2.1	41.1	40.0	53.4		_	74.4	78.4 78.3	74.7		76.7 75.6	76.7	77.5	76.7	76.7	7.,.
≥ 1800 ≥ 1500	2.0	41.7	40.8	54.4 56.0	56.7 6°.9	71.3	76.1 79.6	79.3 °1.9	37.6	. ,	77.6 88.2	78.6 82.2	77.6 57.2		70.5	70.
≥ 1200 ≥ 1000	72.0	42.7	50.2 50.2	56.6	59.6	75.4 76.1	60.3		97.0 94.5		82.9 85.1	82.9	67.0	82.3	\$7.0	4 i
≥ 900 ≥ 800	72.0	42.7	50.2 50.2	56.6			82.5		56.7 86.7	87.1	27.1	87.1	97.1	\$7.1	97.1 57.1	07.1
≥ 700 ≥ 400	2.0	42.7	50.2 50.2	57.0					87.6 91.3	9'.i.	97.9 91.9	90.0	_	1	98.7	3: .
≥ 500 ≥ 400	22.0	42.7	50.2 50.5	57.0 57.3	72.5	79.3	86.7	32.9 24.5	- 1	93.5	93.9 95.4	97.0 95.8			1	3 4 . 3
≥ 300 ≥ 200	2.7	42.7	50.5 50.5	57.3	72.5	40.5	88.D	75.5	75.8 75.9	96.6	97.7	97.7	24.4 28.7		78.4	94.4
≥ 100 ≥ 0	32.0	42.7	50.5	57.3	72.5	10.3	-	95.5		96.8	SAOL	90.1	99.7	79.0		09.4

OTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

2711 15400 A.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	1.7.	25.	31.	37.4		45.4	47.4		7 11 6 7	51.8	51.9	-1.9	1.0	1	51.	_
≥ 18000	1	7.5	34.3	41.3	47.1	10	<u>53.6</u> 53.6		57.1	53.7 53.7	56.7	56.7	<u> </u>	500	يمه تلث	
≥ 16000		26.4	3	41.3	47.3	-1.	. 53.5	35.6	67.1		58.	EP.7	3		50.0	
≥ 14000 ≥ 12000	12.3	20.7	34.5	41.4	47.4	1.	53.9	67.1	57.4	57.7	50.0	10.0	19.4	1.7.6	59.2	
≥ 10000	1:.5	32.6	31.7 38.7	42.3	43.1 52.3	51.Y	50.4	57.7 63.3	53.1 65.2	64.5	59.7 64.3	59.7	<u> </u>		. 5 . 7	
≥ 9000	1	33.4	3 4 . 0		· · · · · · · · · · · · · · · · · · ·	57.1	60	3.6	63.9		.5	65.5	6.50	فعدد	4.5	
≥ 8000	15.2	33.4	37.7	15.4	54.3	-3 - 4	61.6	65.6	\$5.∙Q	57.4	67.4	67.4	12.	17.7	67.7	٠. •
≥ 7000		4.2	4 • 1	43.5		49.0	62.3	56.1	65.5	لمتنا	67.1	بلعثط	C / a !!	,	4.54	متني
≥ 6000 ≥ 5000	_ } (• 1 _ (7 • 2	74 • 7 37 • 1	+1 - 7	52.3	50.4	- (3.0) - 62.00	63.6 66.0	67.4	5 - 7 71 - 7	6944	60.4	77.4	A		- 59.7 - 77.9	•
≥ 4500	17.1	38.4	44.			.4.2	53.1	71.0	72.2	73.0	73.7	73. 4	74.7	74.2	74.	•=± === ?ų,
≥ 4000	4 .4	39.4	45.5	4.5	67.7	5.3	65.7	77.2	23.6	75.2	7:.2	75.2	7	74.5	7.	فسنب
≥ 3500 ≥ 3000	16.4	40.3 41.4	45.5 49.7	55.5 * 3.3	61.6	60 · 1	70.0	74.5 73.1	74.0	74.6	76 5	7 5	11.00	Si e	7.0	77.
≥ 2500	1 1 1	47.4	50.5	L		71.7	75.5	3	23.7	22.6	37.	2.6		·	N 3. 0	•
≥ 2000		47.7	5 ,3	50.7		72.5	76.1	30 .7	61.7	₹2.0	57.5	07.0		4 2 2 2 4	2.2	
≥ 1800 ≥ 1500	, ,	43.3	5 • 7	60.0	A 7 . 4	72.4	76.3	*1 - 5	1.6	-3.6	3.5	33.5	7.9	* 3	1.1.9	
	1 4 . 7	43.0	5 . 7	67.7	68.4	73.2	77.7	82.3 35.9		- 5 4 - 5	35.0	<u>ڪه ڪڙ.</u> اخت ت	- 	1 - 1	شفائت	<u> </u>
≥ 1200 ≥ 1000		43.1	51.3	61	62.7	75.0	0 3		3 , 4	87.7	n 7 7	57.7	. 1] ⊐t•t] . 38•1]	68.1	- - - -
≥ 900	2 4 . 3	43.4	51.3	51.0	60.7	75.7	3,70	A3.8	54.5	A		35.4	45.1	18.7	64.7	1.7,
≥ 800	• • •	+3.6	51.3	51.0		75.0	31.3	5	27.1	87.	100	P %	47.4	1900	<u> </u>	
≥ 700 ≥ 600	17.7	43.6	51.3 51.3	61.0	55.T	75.5	81.9	27.7 29.7	80.4	71.3	71.6	9' 3	91.9	1	97.7 91.9	71.
≥ 500	3 . 7	43.0	51.3	61.6		'E . 3	33.2	69.7	97.7	27.3	97.6	92.6	97.9	+	77.0	
≥ 400	Įc.	43.6	51.3	01.0	69.7	77.4	34.2	,1.6	9.7			25.2	35.5		66 6	21.
≥ 300 ≥ 200	1/4/2	43.6	51.3	/1.0 /1.0	60.7	77.4	84.7	71.6	6.46 9.46 9.47	94.8 95.8	96.5 96.5	26.5	77.4	,		97.
≥ 100 ≥ 0	10.3	43.4	51.4	41.0	60.7	77.4	84.2	91.5	97.66	95.6	96.5	96.5	47.4			100.

TOTAL	MILMARA	^	CARROVATIONS		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	. ≥ 0
NO CEILING		3001	3	34.5	47.3	42.9	44.	t; , e,	* C . 1	46.	47.1	67.1	1:7.7	45.	4 .	4
≥ 20000	1	77.1	51.1	77.6		44.	47.1	4 . 7	4 4 . 4			· (• 5	1.0		51.7	!
≥ 18000 ≥ 16000	10.	77.1	31.	37.4 37.4	41.7	44.5	47.1	43.7	40.0	- 1	7	1 3 S	1.7	1.3	-1.	
≥ 14000	-5.5	77.4	31.	27.7	42.4	44 .	47.4	49.4	75 7.0	03.7	1.1.7	1100	11.6	1.	11.	
≥ 12000		10.1	31.7	3 . 4	4.	45.5	45.1		fa 1 - 7	-1.5	71.6	_ n 1 • f=	50 . ¥	7.7. 2.	1.20	
≥ 10000	. 2 .	30.	34.	4:07	4 1	39.1	31.6	f • 4,	34.7	65.5	€ € €	85.5	79.1	60:	24.5	
≥ 9000	11.	30 ·	34.5	41.5	45.00	49.7	56.3	4	* U = 5	55.8	54.1	26.1	3/4	57.1	" 7 . º	
≥ 8000	17.	71.	31.5	+3.6	ŭ # 7	1.4	54.	€ • 3		5.504	7	44.7	S = 4	5.0	57.7	1.
≥ 7000	46.0	12.1	35.	47.9	4.7	1.	54.5	7.1	ن. د ي	20.07	59.0	2.0	70.7		- . n	
≥ 6000		73.	3 .	41,01	1.	C 4 9 7	57.1	19,4	4 3 • 13	41.0		61.5	43,8	1,7 . 6	57.5	67
≥ 5000	1		37.4	47.4	37.4	50.1	500	~1.3	<u> 51.6</u> °	57.	23.4	63.1	1,8 . 7	54.5	ક્યા 🚉	45.
≥ 4500	• *	12.0	40 • `	· • 1	5.00		5 1. 3	12.6	43.5	ì		Ku a f	• •		15.	5.15
≥ 4000	•	15.	4	4	54 a 7		51.	3.2		6403		65.5		6.	44.6	
≥ 3500	• •	3₹ • ₹	* F	₹3.0	55.5		62.3	21 Mag 5	25.0	1001		1.56 • 3	•		67.1	
> 3000			4 7 . 7	11.3	56.4	80.2	63.	18.5	67.1			4 - 7			69.7	
≥ 2500	11.	* • .	4 6	E 4 . T	-			71.7	71.5	(·	1 4	77.0	7	74 . 2		
≥ 2000		41.	4 7 1		6 " • 3	16.1	63.	- 5	L	74.5		7:03	7 7 8	76.1	. 76.4	
≥ 1800	14.04	"1.	47.1	55.5	6.	5.1	64.4	7.	73.07	74.5	٠.	75.2)	76.	74.1	77.
≥ 1500	1 •	410	47.4		5300	7.1	71.	74.?	***			76.8	77.4	17.7	L <u>77.</u> 1	[[
≥ 1200	1 • 1	4	47.4				71.9		76.0	77.1	,	77.7	7 . 4	• 7	74.7	[7 4 •]
≥ 1000		41.	47.7		K 7 . 7		72.0			74.7			•			1 : ! •]
≥ 900 ≥ 800	•	F1.1	4, 1, 3		4,4	í I	73.9			ì	, ,	F .		1.	3143	
≥ \$00		41.	10 01	C 6. 0 14		30	74.	77.	7~ . ?	930						
≥ 700 ≥ 600	10.0	41.0	4 - 4	57.4	86.9	49.7 78.0	75.8	5	1.3	93.5	1 - 1	62.V	1 7 3 4 5 1 . :	35.5	4 C . S	
		41.	4 1 5	17.4	65.4		16.68			7	z 4 . h		5			
≥ 500 ≥ 400		+1.	7	7.7	5 t . C		77.4			73.5	1 1	84.5 86.9	F 7. 9	,		
		41.	66	£ 7 . 7			7:01	53.5	4	6,4	69.1	(F • 1	23.7		30.7	
≥ 300 ≥ 200		41.		7.7	NS at	1 - 5 1	78.1		3.5	× 3 . 7					41.5	
	1	41.	6	27.9			74.1	3.9		90	(1.2					
≥ 100 > 0	16.4	#1 - 1	4		57.8			1							3.9	l

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

1:

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	1.0	11.1	27	77.	***	7.1	30.9 40.4	61.7	र्गर सुरु क	4.5.0	50 • ·	3 . 7 4 . 3 . 5	a . i:			
≥ 18000 ≥ 16000	11.	€2.00 32.49	29.3	30.0	34 •	57. 37.3	40.1 40.2	41.4 -2.40	43 a 3	د ن د د د	44. 44.2	4 4 0 1 4 4 0 \$	44.5	4 to 5	4 - 7	
≥ 14000 ≥ 12000	1.	3.4	17.7	10.7 31.4	30 • 4 34 • 7		40.7 42.3	47.7	({ Y • }	44.4	44.0	4 % a . 4 % a .	4 . 3 4 . 7 . t	47	47.	
≥ 10000 ≥ 9000	,	23.0	27.6	اري ز 3 ارد خال	30 . <u>1</u> 35 . t		43.0 45.5	47.5	67.4 87.5	4 . 1	.0.7	د و به د منت	1.2	1 1		
≥ 8000 ≥ 7000	, "	7	31.4		41.		47.2				73.7	: 3 - 3	· · ·	14.	54.! 50.	!
≥ 6000 ≥ 5000	1 is a 1	`^•: 3 u• 1	33.1 34.0	77.6	43.7	45.3	47.7	4.3	1 3 4 T	54.5 55.7	54 • 3 57 • 6	* : • 4 * 7 • 7	2. دو <u>قوشت</u>	50 an	آه) نفضها	، ده نفست.
≥ 4500 ≥ 4000		51.1 12.3	30.0	41.5	47.7	.,,	50.0		56.1	57.3 57.5	- 4 . 1, 	. 7	7.6 61.5	۱۰:۰۶ شعات	10.0	:. ::
≥ 3500 ≥ 3000	• 1	33.3 12.1		44.5	50.		F .	Sac Lea	11.7		50.0 €4.0	5000	7 . T		5.	. <u>.</u>
≥ 2500 ≥ 2000	:7.	37.1	47.6	47.6	_	56.t	62.3		4.5.5	65.0	^{.	6, f	ه.٠٠ <u>۴ ه. د</u>	47.7 1 <u>42.</u> 1	31 19.2	
≥ 1800 ≥ 1500	1 1	77.4	43.	47.8	55.7	19.6	67.7 64.7	7.	57.0	7	71.1		77.1 11.1	7.1.7 .7.7.4.1	22.4	71.
≥ 1200 ≥ 1000	17.4	17.	4 7 4	6.0.1	56.	1.1	65. 55.1	6.4 63.4	7 . 1	7	77.6	74.1	77.4	33.4 25.6	7.7.7 .7.2.e.s	1. 7 . 4 2 1 . 4
≥ 900 ≥ 800	1	7.4	4 6 9	< 9.3	27.3	1.5	67.1	71.4	71.7	74.4		75.7	71.3	,	76.5 77.	, <u>, ,</u>
≥ 700 ≥ 600	17.4 17.4		43.0	40.5	57.9	- 2 -	6 - 1	73.4	74.3	71 02	7	74.3	7. 6	7201	72.0	ا ۾ ۲۰۰ ا معالات ن
≥ 500 ≥ 400	7.0	29. 39.5	43.5			3.1	7	76.3	77.7	70.5	1	37.01	1.1	اغمتنا	1.9 2.9	
≥ 300 ≥ 200	17.6	28 • 1 28 • 0	44.1	4 / . 7	5-03	•3.5		77.0	73.1	5 1 . 7 5 2 . 5	3 3 . 5 25 . 1	21.5 4.50	·4.7		:5.1	
≥ 100 > 0	17.4	74.0	44.1			13.5	70.5	77.3	79.0		36.0	1 6 ± 3	50.T	10.7		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	1 ≤	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			3 4 • • •	e .7		18.9	50.0 83.1			5 7 • 1 5 / • 3	/ : . ; ? . ii		,		,,,	•
≥ 18000 ≥ 16000	. 1	.4	4		7.7 . 1		i'		1 M • 5 N M • 5		57.6				7.7	
≥ 14000 ≥ 12000	1.1	40.4		700.7		2.4	60. u7.	1 5 6 6	1 1 1 T	7	12.5 21.1	71.5	70.1			
≥ 10000 ≥ 9000		97.2 27.1	51.1		60.1 50.4	ن. 4 .	5 · ·	77 . () 71 . ()		7.2.	7-1	7 % • 1	• !	(4.)	74.1	•
≥ 8000 ≥ 7000		1	13	" A • O	34.0 35.	13.1 57.1	72.3	71.4	7 3 . 4 7 4 . 6	76.	77.6	74.	77	7.	7	•
≥ 6000 ≥ 5000	• i		37 • 7	17.6	.7 •	7 1 • 3	7	7.	, ₹ • t	77.5	7 . 7	7 . 7	7 .	1.	1.1	•
≥ 4500 ≥ 4000	•	7.i	61.7 61.1	5. ° • *	77.1		97.4	. *	• 1		1	₹ .		· — · · · · · · · · · · · · · · · · · ·		•
≥ 3500 ≥ 3000	- 4	77.4		160.5 76.0	74.1	16 .t	61.5 20.4		- J		7.5	5 K . 3	7.	•		•
≥ 2500 ≥ 2000			• 1	7.	77.	78.4	5 7 • 7 5 7 • 1	7.3	75.1 17.1	7.	3 . n	7. ° • 9. 1 • •	- 1	79.4		•
≥ 1800 ≥ 1500	• 4		6 4 6 7 5 7 6 7	73.3	77.	14.	7.0.5	7 7		٤.	1.	7 1 4 7 1 4		•	•	
≥ 1200 ≥ 1000	• 4			77.1	7		δ • ° 48•°) •	ت و تر س	• . • . ·		•			•	
≥ 900 ≥ 800	• 4	t3 :5•3	4.5	73.6	ı	1.0	57.6 87.0	7	10.7	21.5	33.4 33.3			ι _φ ε.	77.	· .
≥ 700 ≥ 600	•	1. () 1. ()	% ° • 3 6 ° • †	73.4	77.1	1.7		• 1 • 1	1.1	21.1	5 7 . 3 9 7 . 5				: 1, ,	
≥ 500 ≥ 400	•	11 • 1	61 . n 65 . 6	73.3	79.4	l.	55.7	uri e	6 " •	\$ 2 . 1	2 7 g 2g	33.5 14.0	7	14.1	34.	·
≥ 300 ≥ 200	• •	• 4	5%.66 64.6	73.0	79.6		59.7	7. • 5 7. • A	7 · 0	93.0 93.0)	• • • •	7		y 4 . * y t . f	
≥ 100 ≥ 0		1 0 . 1. 1 7 . 1.	6 4 6 6	73.7	77.4		92.7		\$. A	91.	, r , 7		3.6		26.0	<u>.</u>

TOTAL NUMBER	OF ORSERVATIONS	

CEILING VERSUS VISIBILITY

HOURS (L S T -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		-		_			VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000		6.7 . .	3 . 7	a 4	4		ut • 9 5 ₹ • 9	• 1	3.4 5.7.1	υ3•″ Σ7•4	" 4 • 5 55 • •				50 60 g 5	
≥ 18000 ≥ 16000	•	34, • 3 3 (• • 3)	41.1 41.1	47.4 67.		3 • 7	57.0	5 . 7 5 . 7	57.1	* 1		·				
≥ 14000 ≥ 12000	•	(7.6	9 7 • A 4 4 • 33	. 7	4.1	2.5	36.9 50.9	13.3 45	፣ የ • ያ ሊሮ• ያ		6.7 67.1	53.00 53.€	(1.4	1.0	، م. و دو کو	
≥ 10000 ≥ 9000		1 .	4 7 . ° 4 7 . °	1			57.4 52.3	4.7	4 ₹ • // 5 € • **	51. 56.4	7	67.4	5 .1	0 - •4 (3 • €	4, 4 . 2 27 . 21	
≥ 8000 ≥ 7000	1.	3 £ • •	49,2 51,4		f	- 1 • 4 - 3 • 1	5,0 . 7 15, 7	7.1	5 3 3 4	5 • 7.2•5	71.3	75.7	,,,,	71.7	77.	
≥ 6000 ≥ 5000		4 4	51.3 25.0	3	([*] • ≤o•	14 . 1 7 . 1	7 .9	7 . 2	71.4°	7.2	77.7	7 4		74.	7	***
≥ 4500 ≥ 4000	, ,	43 a 2	5 % € ∪ 17 M € 1	1	66 • 7	48 • 1 ≤0 • 4	72.3		7	70.7 76.5	77.	77.	7 . 7	7 v . 7 7 y . 1	7	1
≥ 3500 ≥ 3000	•	67•5 17•7	94.4	5 · 1	54.•7 8°•9	,	7445	9 / 9 /	75.7	76 • · · · · · · · · · · · · · · · · · ·		75.	? , ?	77.1	7" -1	
≥ 2500 ≥ 2000	•	7 7	57.1		70.1	77.1	75.5 77.0	75.1	77.1	3	1.9	41.2 4.00	1.3		. ? • . <u>: 4 • 7</u> .	
≥ 1800 ≥ 1500			5 1 • 5 5 • •	67.1	7	***	77.	73.1			1 4 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	32.0 5.01	. 1. 7	, y . v		
≥ 1200 ≥ 1000	• 1	4 - 0	5 · · ·	200 m 1	70.7	70.1	79.4	1.7	7.4	" "	7 6 <u>1</u>	ار . ام		7	7.5	
≥ 900 ≥ 800	•	. • !	1	# 3 . 4	73.1	4 . 1	77 . W		13 e	14 e	(1.1, (2.2, 2)	។ ពី • 3 ₁ ១ ៤ • ម	47.7	17.7 [a]	7.5	
≥ 700 ≥ 600	• .	7.4		· • • 5	7:•1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ଞ୍ଟି•ୁଟ ଞ୍ଟି•ଙ	· 3 . 1'	54 . 5	1 4 6 5 1 3 6 3	* 6 • 2 5 • • •	ار و د : او و د :	(7.5	58.5 89.	5 7 . 7	
≥ 500 ≥ 400	• •	ζ. •	6 . 7	91.9	74.1	`5.5 "5.1	1.2	77.3 73.7	-5.1 -5.5	73.€ 86.€2	97.7 57.6	n 7. 9 33	30.0 50.4	84.0 49.7	47.1 63.4	61.
≥ 300 ≥ 200		,	6	7. • ?	70 . 1 74 . 1	4 5 78 57 8 67	61.0 E1.0	14.7	25.4° 25.4°	31.0	95.3 17.7	90.7	61.1	50.4	91.1 92.	49.4
≥ 100 ≥ 0		53.6	, ,	10.2	74.1	75.	21.9 21.9	114.0	16.7	47.1 47.1	ξα. Ασ. `	50.1 5.1	1	71.E	3.00 5.3.3	7 . • 1 1 . • 1

TOTAL NUMBER OF ORSERVATIONS	•	

13.

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ %	≥ %	≥ ⅓	≥ 5/16	≥ 1,	≥ 0
NO CEILING ≥ 20000		23.4 25.4	27.7	?>•6 ?9•8	37.1		34.0 49.0	27.0 41.	47.	40.00	47.0	47. i	45.7	96.1 51.1	47.6	
≥ 18000 ≥ 16000	1/1	30 . €	27.7	7 4	33.	15.3 15.0	38.1 38.3	41.5 41.5	42.7	46.49 46.48	47.2	47.9	50.7 50.7	1.1	1,2.0 .2.0	
≥ 14000 ≥ 12000		7	?	. 1	\$ 7. ° °	77.6	37.1 41.1	42.5 47.1	62.0 68.2	47.3 42.5	40.0 9: 7	4 (. 7	17.1	73.1 53.4	្ន ខ្ពុំ	
≥ 10000 ≥ 9000	1 • 1		37.1	3. •U 35•3	34.9 36.7	40.1 97.4	40°48 42•3	45.5	45.0	51.0 57.1	5 7 . S	73.2 53.3	26.0°	16.4	1, 1 , 3 5 , 3	
≥ 8000 ≥ 7000	•	79.4 50.6	31.	34.4 34.4	* • "	-3.3	45.7 45.1	14 6 T	is of the	55.5 55.0	51.7	55.7. 37.5	(°•≎ (1,*	50.0	61.7	
≥ 6000 ≥ 5000	•	11.0	34.0	34.2	4 . 2	47.0	47 54	11 a 7	. 1 . 4 . u	57.1 +1.0	हर्ने , ह	€ 0 €	. 1 . 4	-1.7	1.3.5	
≥ 4500 ≥ √300		36.e∪ 34.e	35.4 34.5		4 4 . 7	भड़े • ड (उहाँ • आ	5.3 • ·	1.1 . 1	5 (• 7 6 → • 4	02.48 65.45	64.5 £7.7	54.0 57.7	7.7	7.	69.1 77.1	
≥ 3500 ≥ 3000		7	37.5 49.1	4 1 • 2 4 4 • 3	41.	4.6	5°.7	• 6	() • 6 () • 6	F 7 . 4	70.7	: 2.5 73.7	71.T	70.7	71,	下 下 :
≥ 2500 ≥ 2000		4	*1.	45.7	51.7	ि 5 a सं ६७ a .	67.1	17.4	65.7 51.1	72.5	74.5	74.5	77.7	74. 93.	79.5	
≥ 1800 ≥ 1500		7.3	40.0 42.5	45.4 67.1	57.41 17.7.8	3.0		7 • 7	(€ •4 . + •	74.5	73.4	7	77 . 1. 33 . 1.	"J•1 F1•3	1.9	
≥ 1200 ≥ 1000	ેલ ધ	7	4 2 • 4	47.5	53.0 53.0	19.2	63.0 63.0		7 .4	77.3	79.4	7" .4	3. • t;	3.0	9 4 . 9	27.1
≥ 900 ≥ 800	4	. 7	47.5 47.6	47.5	5 2 • 1 5 3 • 2	10.0	63.0 64.7	7.0 . Q	7 .5	7	75.6 80.1	5 • 1	*	3.7	65.1	7.
≥ 700 ≥ 600	• ;	40 + 1 40 + 1	4	47.9 £7.9	3.6	4.3.4	(4,5) 34,5	70.6	71.5	7 . 6	\$	# • 5 # • 5	2.7 23.7	, ta .	:5.8 35.2	78.1
≥ 500 ≥ 400	3	4. 1	4 .	47,0	53.44 53.6	10.1		70.7	, , , , , , , , , , , , , , , , , , ,	7-01	81.5	11.7	- 1. 4 - 3 • 1	55 . S	- 7 . h	
≥ 300 ≥ 200	• 1	· • i	4	67.7	53.1 53.8	4 . J	1,40	7 . 9 7 . 0	77.0	7	31.6	*1.5	45.5		37.9 89.0	97.
≥ ,00		• 1	सह∗ा _4:•	67.0 47.0	5 X • 4	1	64.7	1	7. • °	79.5	6 ° .		15.2	57.6 77.6	97.1	95.7 195.0

TOTAL NUMBER OF OBSERVATIONS

i:

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		· .		-			VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 1,	≥ 0
NO CEILING		25.7	₹6.7	74	75. 1	٠٠,٠٠	41.		44.	4/10.7	¥ 5 . 4	40.4	4 . 4	1	45.7	la Ac ∰ :
≥ 20000	1		3/.7	34.	30.4	74.7	47.	· · ; • · ·	العني	51.1	-10-	-103	41.3	-1-	6.7.1	
≥ 18000 ≥ 16000	19 • 1 19 • 1	73.1	30.3	₹4.7 ₹4.7	30.4	44.	47.0	. 7	1.1	1.1	51.	51.A	11.9	1.	12.1	
≥ 14000	. L.	1	77.7	30.5	4 .	45.4	94.7	E.	6.7	23.€	5,4 . 3	54.3	14.3	34.3	. 4	
≥ 12000		30.1	3 1	70.0	41.	45.4	5 . 7	4.3		1.5.5	25.0	55.5	51.4	50.0	66.7	-7.
≥ 10000 ≥ 9000	•	2.4	36.7	30.7	4	8.0	53.7 25.4	7 9 E		50 - 5 59 - 4	59.7	57.2	6		r, u , n	
	•	14.	30.3	4 1 a 1	47.2	7.1		6.7.4					- 5	50.00	14 1 4	
≥ 8000 ≥ 7000		36.	3/.7	67.5	40.	4.7	50.0		1.7	63.7	40.4 54.5	07•4 54•5	61.6		63.1	
≥ 6000	•	16.1	4	2, ₹ , ξ,	5,107	-5.7	50.Q	A \$. 3	1.4.5	65.3	50.U	55.0	65.3	16.3	+,5 . 7	67.
≥ 5000	4. • 1)	36.0	4 7 . **	1 5 . 4	F ? • :	57.4	52.4	4.,7	1. 7.4	6.2	65.4	53.3	57.2	69.7	62.5	
≥ 4500		4:1.	4 7	47.5	35.	201.4	65.	وقيه والش	7.	7 : 6	71.	71.5	77.0	77.	72.5	7,7
≥ 4000	7.03	41.5	4 14 6 5	30.02	50.	(1.4	16.		• ,	71.6	72.3	7 1 . 5	77.7	73.7	77.1	7 1 6
≥ 3500	• 1	11.	4 - 4	4 > 0 15	56.04	1.7	65.3	7 .6	71.7		73.7	72.7	7 1 . 1	7:01	73.4	13.0
≥ 3000	77.4	. 4 . 1	47.3	-1.1	50.4	(4 . 5	_ દ?+?	77.6	74.1	74.	7 = 1	17.00	74.02	76.2	76.6	
≥ 2500	1.2 • 1	45.4	45.4	52.3		.7 •	71.6			77.5	75.	7 1 - 7	7 . 7	73.7	79.1	75.0
≥ 2000	• •	A6.	5: 5	F & . 7	6.7.5	1.50	74.1		10.6	- 1	7	<u> 5. • 5</u>	1105	100	11.9	<u>ئەت ،</u>
≥ 1800	•	45.0	59.7	54.6	63.4	:4 · 4	74.5		7:00	*	-1.7	61.0	-1.9		87.3	7.7.6
≥ 1500	•	16.	57.7	1.40.5	64.7	72.2	74,8		<u> </u>	3	21.5	11.5		1201	2.20	47.
≥ 1200	1	4.000	7	94.4	66.7	្កាក≥ខ	74.5		2 D • S	33.2		я 🧎		6.8	63.3	51.7
≥ 1000	•	146.0	57.7	-, CL P.	64.	70.0	7 ,, 5	U . 3	11.7	- 10-7	82.5		: 3.7	93.7	64.	
≥ 900	/ • "J	47.	51.4	4.50.7	65.6	72.7	77.7	11.9		2 3 . 4	84.0	×4.4				1 4 2 • 4
≥ 800	•	47.	51.07	15.7		77.4	77.	1.7	35.6	-3.3	1.4.0	540-1	-5.1	45.1	15.5	1 3 - 6
≥ 700	•	47.7	51.6	35.7	53.5	12.3	77.3		33.0	- 3.7	34.4	· 4 • 5		- 3 • •	95.5	9.6.2
≥ 600		47.	21.4	55.7	65.6	72.7	77.7	3.3	.4.7	14.5		25.8		250	26.0	F 7 e i
≥ 500		47.	51.8	55.7	55.4	72.7	73.4	٠4 . ۶	85.5	56.3	87.7	87.6	BA . 3	1 .	05.7	40.
≥ 400	1 1 1 7	47.	51.2	34.7		77.7	73.7	15.1	85 e	86.0		68.3			30.4	2 y . 7
≥ 300 ≥ 200	د ً •	47.3	51.5	50.7	65.6	72.7	70.1	^5.0	35.5	57.6	89.0	57.4			90.5	31.1
├ -	. • "		51.5	55.7		72.7	77.1	65.3	25.5	47.6	89.	83.7		31.1	91.5	31.5
≥ 100 ≥ 0	10.∙5 19.•5	47.0	51.3 51.3	55.7	55.00 65.6	72.7	79.1	ત્રે.∦ ઉદ ે	46.5	57.6		?3•1 ೪೦•1	21.8	91.8		96.6 192.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

400

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 11/4	≥ ;	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	7.3	32.4	32.7	20.0 45.6	43.5	33.7	45.3	49.5 65.9	56.7	57.7	10.0	20.5	50 g		J	
> 18000	17.	36.7	30.	45.0	5 7.2	34.5	54.8	E 7.7	57.7	50.0	58.0	5 6 6 T	2 - U	58.3	53.7	
≥ 16000 ≥ 16000	17.4	37.	30.7	45.5	5 .	4.7	55.9	5.5	56.5	57.7	59.1	55.1	e 0 . 1	4 1	0.1	
≥ 14000	11.4	fo. 1	40.9	45.0	57.1	56.0	59.1	66.1	50.1	67.9	61.2	61.2	41.2	£1.2	t1.?	(1.7
≥ 12000	1.	40.7	45.4	50.3	28.3	47.4	61.0	33.0	43.7	53.7	14.1	64.1	54.1	64.1	64.1	* * • .
≥ 10000		62 · 4	40.6	53.0	57.9	61.9	24.4	45.5	65.	55.2	66.6	66.5			64.6	
≥ 9000	7.	42.7	45.9	57.7	50.7	A2.5	65.1	16.2	£5.2	56.4	67.3	67.3				<u> </u>
≥ 8000 > 7000	, ,	44.7	33 a G	55.2	67.5	(5.1	67.6	43.7	69.7	69.4	84.9	1	£ 0 • 3	,		
	•	46.6	49.8 50.8	57.4	53.07 54.4	60.5	73.5	71.5	71.5	74.0	77.05	77.6	71.6		74.0	76.4
≥ 6000 ≥ 5000	2 to •	49.1	3 3 5 G	51.9	65.0	72.2	74.7		75.9	76.5	75.0	76.0				75
<u>-</u> ≥ 4500	77.	5 1.0	54.3	54.4	69.4		17.2	73.3	75.0		77.4	77.4	75.4		77.4	73
≥ 4000 ≥ 4000	17.9	<2.5	56.2	45.5	71.3	76.5	79.	90.1	37.1	1 €	e1.1	21.1	*1.1	41.1	F 1 . 1	1.2
≥ 3500		23.4	57.7	67.3	77.5	77.9	9 . A	31.0	81.7	A2.6	F2.6	90.9	27.5	12.7	6.03	3
≥ 3000	3	ي و د	57.0	60,8	75.1	ំបាត់។		74.3	114 . 3	95.1	F 5.4	65.4	1.5.4	F 5 . 4	50.4	
≥ 2500	1.3	Fe . 4	€1.6	71.7	77.9	-3.3	65.5		\$7.5	8.3	84.6	5 P • 6	21.6		€ € • 5	
≥ 2000	1.	37.3	62.4	73.0	77.1		37.5	38.6	63.6	99.5		54.7	37.7		60.7	· <u>* </u>
≥ 1800 > 1500	1.1	37.3	42.6	73.0	70.0	4 • 3	17.5	3.6	F8.6	•	20.7	89.7	87.7	93.7	50.7	67.0
	1.7	57.7	63.7	74.7	81.5	17.9	91.6	92.5	97.0	93.5	74.	·1.	91.8 64.7	71.5	71.5	114 5
≥ 1200 ≥ 1000	2	-8.1	67	74 . 7	37.0	8.5	62.4		33.0	44.9	74.7	04.7		24.	54.7	99.7
≥ 900	1.1	-3.	63.7	74.7	3.6	2.00	23.7	14.3	04.7	75.4	95.7	25.7	75.7	95.7	75.7	7
≥ 800	11.	~3 • d	67.7	74.7	80.5	30.	93.7	44.3	94.7	39.4	- !	05.7	95.7	35.7	uE .7	74. 7
≥ 700	31.4	58.	67.7	74.7	R2.9	39.3	97.6	24 . 7	25.3	95.7	94.1	20.1	76.1	06.1	76.1	7 A . 1
≥ 600	71.7	59.	53.7	74.7	87.0	19.7	94.	75.0	\$5.4	96.1	76.4	36.4	95.4	96.4	45.4	<u> </u>
≥ 500		* 2 • }	6 4 . 7	74.7	87.0	79.7	94.	11, 📢	9 5 · #	£ • ₩	96.00	96.8	96.8	95.6	8.64	
≥ 400	- 10	65.5	63.7	74.7	82.0		94.	76.4	C 5 . 7	97.2		97.5	¥7.5		37.5	
≥ 300 > 200	11.7	ឹកិ⊛ប៊	4.30	74.7	At. T	ુ ુ . ઉ	94.3	5.7	36.1	97.5	99.2	93.2	48.2		98.7	
	1	18.0	5 1 6 7	74.7	83.3 83.3	50.0	34.5	35.7	96.1	97.5	38.2	99.9	99.3			56.5
≥ 100 ≥ 0		5 e	57.7	74.7	83.7	20.0	94.7		56.1 96.1	- 1	98.2	- 1				
(= '	130	14.0	1 o (* • /	2 3 . 4	- / U e i i	* * * :	1007	100	1 6 3	7 T + ()	7607	7 6 9 5	99.6	77.00	للدواسية

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1%	1 ≤	≥ ¥	≥ %	≥ 14	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	1.7	53.7	30.5	44.3	57.1	9.7	67.4	5 % a 4	51.4 62.9	51.4 52.5	41.4	5 1 . w	51.4 62.6	51.4	51.4 62.5	, , , , , ,
≥ 18000 ≥ 16000		7 % . 7	43.6	53.2	57.8	10.6 60.4	63.1	63.5	53.5	63.5	53.4 57.5	53.5	67.5	63.5	67.5	
≥ 14000 ≥ 12000	1.	11.1	45.5	56.7	52.7	32.1	64.5	67.4	67.4	67.4	67.4	64.9	60.0	67.4	64.5	a i
≥ 10000 ≥ 9000	7/04	45.4 46.9	56.7	54.5	66.7	£7.7	70.2		71.7	71.3	71.7	71.3		71.3		7 1 . 1
≥ 8000 ≥ 7000	4 • 1	49.7	57.7 55.7	64.2 55.0	69.2 70.9	72.3	75.7		71.2	76.2	76.2 78.0	76.2 78.3	76.2 78.3	76 • 2 78 • 0	7K.7	7 / 1
≥ 6000 ≥ 5000	7.3	51.0	50.4	64.2	77.3	76.2	70.2	PG • 1	93.1	80.1 82.3	02.3	80.1	32.3	80.1 62.5		1
≥ 4500 ≥ 4000	7 . 1	57.1	50.9	71.3	75.0	5.5 5.3	54.4 86.2	34 • € 36 • 5	84.8 85.5	54.3 25.5	84.P	34.8 35.5	34 . 8	3 8 36. 5	54.6	4.
≥ 3500 ≥ 3000	20.1	57.4 53.4	67.4 69.3	73.8 76.6	79.1	63.1 65.6	56.7 89.7	27.2	97.3	37.2 5.1	67.0 93.1	97.3	97.2 97.1	27.2 98.1	47.7 98.1	7
≥ 2500 ≥ 2000	11.0	62.4	67.0 63.4	78.4 05.5	85.8	27.6 09.7	91.5	24 • C	91.2 94.0	0 4 . C	91.8	91.5	93.f	91.5 94.5	91.0	** 1 • ·
≥ 1800 ≥ 1500	73.0 2.3	4.3. ·	5 . 3	8 .5	85.8 86.5	79.7 90.4	94.3	24 • € 24 • 7	74.7	94.7	94.7	94.7	04.0	94.7	94.1	· · · · ·
≥ 1200 ≥ 1000	12.1 12.1	64 . 5	67.5	71.6	57.0 37.0	91.5 91.8	96.1	96.5 96.8	96.5	96.5	96.5 96.3	96.5 96.8	26.5 98.8		96.5	36.5
≥ 900 ≥ 800	12.45 (2.45	64,5 84,6	69.7	81.9 81.9	85.7	02.2 62.6	98.0	97.5	97.5	97.5	97.5	97.5	97.5		57.5	27.4 27.1
≥ 700 ≥ 600	72.1 32.	54.5 64.5	60°0	81.9	87.1 80.1	35°2	97.9 95.2	98.6 28.9	43.4	98.6	98.K	98.6	44.8		99.3	95.0
≥ 500 ≥ 400	32.6	64.5	69.9 69.9		99.1 89.5	52.9	96.2	ેક . છ ેક. 9	9.9		30.3	99.3	97.3 67.3	59.3 99.3		79.3
≥ 300 ≥ 200	32°• (54.5	67.0		59.	02.9	98.2 98.2	98.9	05.0	09.3				29.7 100.0	100.3	
≥ 100 ≥ 0	12.6	64.5		11.5	39.	92.9	98.2	32.9	98.0	}	- 1			100.0		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17.

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¥	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.	37.07	45.3	53.9	57.5	<u> </u>	61.7	-3.1	62.1	63.1	62.1	63. k	13.1	* 1 • 1	6.1.1	* :
≥ 20000	. ? • !	47.7	47.5	57.3	5	23.7	65.6	57.4	57.7	67.7	57.7	67.7	67.7	6,7.7	67.7	•
≥ 18000	75.	43.	49.7	5,7.5			65.0	67.7	€9.1	50 • 1	00 . 1	6: . 1	5 · 1	1 . 1	00.1	
≥ 16000		43.3	4 . 7	57.5		24.2	66.	4.7.7	5 }	58.1	50.1	5 4 . 1	5:01	66.1	67.1	£4
≥ 14000	24.6	, ,	5 . 0	50.0		56 . 7	68.4	7 2	7 1.6	75		70.6	7 !	73.6	7700	7
≥ 12000) & a 1	45.7	51.4	1.5	÷ 4 • 5	67.7	69.5	71.3	77.1	7.2	77.	72.	7.00		7.7.	
≥ 10000	•	47.9	53.4	() . 1	66.7	79.3	71 - 6	73.4	75.0	74.5	, .	74.5	74.5) 1	14.5	
≥ 9000	24 • 14 24 • 1	50.4	5/107	63.0	70.6	77.5	75.3	74.3	75.7	75.0	75.0	75.9	70.0		70.7	7.
≥ 8000 ≥ 7000	7	50.7	57.1	55.3 55.7	70.0	74.1	76.7	75.7	75.7	7: .7	77.1	73.7	70.7	78.7		• • • • • • • • • • • • • • • • • • • •
		57.1	2	63.1	77.3	75.3	77.7	73.4	7 7 6 4	25.5		60.5		7 T . E	73.1	
≥ 6000 ≥ 5000			51.4	71.5	75.5	78.7	3 . 4	9	5.3	74.7	14.0	4	0.4.0	1 1	. 4 . 7	2
	· i	55.	63.1	73.1		11.2	33.7	35.5	85.5	86.4	8/5	8000	44.5		36.6	
≥ 4500 ≥ 4000	,	57.	64.7	74.6	79.1	53.	85.1	07.2	6 4 5			26.3	73.3	h- 3	44.3	
≥ 3500	7.5	53.5	65.6	75.5		3.7	R5.3	67.7		£4.	99.1	89.0	F 3 . F		P. G. 12	
≥ 3000	31	υδ. 5	67.7	77.7	62.3	· 5 . a	A7.9	10 . I	40 a W	91.1	-2.1	21.1	71.1	1.1	71.1	4 ?
≥ 2500	1, 1	42.1	60.3	30.1	34 . 8	8.5	97.3	7.7.0	43.6	74.5	34	94.1	34.3	24.3	7.40	14.7
≥ 2000	ं ∂• 3	62.1	ଓ ୨୦୭	00.9	85.5	49.5	91.5	23.6	94.3	95.	9.6	<u> 15.00</u>	45.0	95.	55.0	
≥ 1800	2.3	52.1	50.0		35.0	99.5	91.5	3.5	30.3	35.	₽ ₹ ♠ ?;	95.5	40.0	38.0	05.	0.5
≥ 1500		45.4	70.7	41.2	38.	59.7	92.6	:4.7	20 B	75.1		26.1	06.1	(6.1	74.1	<u> </u>
≥ 1200	₹2.6	52.4		81.2	36 • 2	53 • I	97.9	25.3	75.7	36.5	•	96.5		96.00		9 10 4
≥ 1000		62.4		21.4		^1.1	7.40	10.1	38.3	97.5		97.3		97.5	97.5	- 7 - 3
≥ 900	37. ·	A2.4		91.0		-1.1	04.3	76 . 5	97.3	97.0		97.9		_ (
≥ 800	₹2•4	62.4				91.1	94.3	76.5	37.7	97.4		07.9	97.9			4 4
≥ 700	32.00	62.4	. 1		37.2	1.1	94.3	76 • 5	57.5	98.5		94.5	45.6		99.6	*
≥ 600	37.4	52.4			67.2	71.1 91.1	94.3	76.5	97.5	98.5		99.5			98.6	38.3
≥ 500 ≥ 400	12.00	62		21.9	87.5		94.7	26.8	37.0	98.9	1 1	98.9	ବର୍ଷ କ		98.9	77
<u> </u>	7 2 .	62.4		A1.9		1.5	74.7	46.8	97.7			64.0			\$3.9	73
≥ 300 ≥ 200		42.4					94.7	75.8	¥7.6	99.9	1 1	99.3			70.3	1
	72.	4.2.4			27.5	71.4	34.7	16.8	97.0	96.9		99.3			99.7	
≥ 100	7.7	1,2.4						26.8			90.9	-		1	99.7	

TOTAL NUMBER OF OBJERVATIONS

2 * 2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ ;	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	2.7.	47.0	52.1	57.5 11.7	67. 64.5	1.0 65.3	53.5 65.1	54 • \$ 6 9 • \$	54 °	55.5 70.6	66.0 70.9	66.0	45.5 70.9	15.	77.1	71.5
≥ 18000 ≥ 16000	2.	47.2	52.1 52.5	61.4	64 . "	45.5	69.4	59.5 59.9	60.5	73.6 73.9	79.9	77.0	70.9	76.5	75.5 71.5	71.
≥ 14000 ≥ 12000	27.0	47.4	53.6 53.9	62.8 63.1	64.3 67.0	57.0	69.9	71.3	71.7	72.5	72.7	72.7	77.7	77	73.7	
≥ 10000 ≥ 9000	23.	49.7 50.0	50.0 50.7	65.3 66.0	60.5	69.9 75.6	73.1	74.5 75.2	74.5	75.5		75.7 76.6	75.9		75.0 75.6	76.0
≥ 8000 ≥ 7000	26.4 24.5	51.1 51.9	57.8 53.4	67.4 62.1	71.3	72.3	75.2	76 e £	75.5 77.3	77.7	76 - 7 78 - 7	78.7	73.0	78.0	70.5	73.5
≥ 6000 ≥ 5000	2 3 4 3	53.2 55.3	50.9 67.1	59.5 72.7	73.4	74.1 76.6	77.7 07.1	75.1	75.1	50.1 82.6	50.5 63.9	30.5 03.0	87.5 53.0	50.5 63.0	80.5 83.0	5
≥ 4500 ≥ 4000	77.5	87 . 2 # 2 . 2	9 4 9 1 0 1 0	74 • 1 74 • 5	74.6	79.3 50.5	87.3 34.1	74.8 55.5	30.5 35.5	95.8 86.5	86.9	26.2 36.9	94.2 98.9	₹8.4 86.9	56.7	50.5 57.7
≥ 3500 ≥ 3000	ેલ •ા ડેઇ • 1	50.2 61.4	66.3 63.4	75.2 74.8	87.5 82.6	~ } . ₽ ⊬4 . C	85.5 97.9		36.0 37.4	87.9	98.3 90.8	원원 • 3 역단 • 원	38.3	89.₹ 98.9	€8.3 9π.9	23.1
≥ 2500 ≥ 2000	13.5 0.4	63.1	70.2 70.6	au.1 e∪.5	84 • 5	5.5	69.7 90.1	71.1	01.1	92.2	43°4	92.5 97.4	92.6 57.6	98.6	97.0 97.0	92.4 93.4
≥ 1800 ≥ 1500	77.00 73.00	53.5 53.5	73.4	30.5 80.5	24.F	6.2	90 • 1 90 • 5	1	71.5	92.5	42.0	?2.9 94.0	67.9 94.7	77.9	97.5 94.0	0.6
≥ 1200 ≥ 1000	1.7	63.5 63.8	7: • 9	83.7	45.5 35.6	₹7.8 47.6	91.1	12.5	02.6	93.E	94.3	94.3	94.3 94.7	04.3	94.3	54.1 73.0
≥ 900 ≥ 800	11.7	53.6	71.3	51.2 51.2	35.3 95.4	27.6	91.5		97.0	94.	94.7	94.7	70.7 94.7	04.7	94.7	95.7
≥ 700 ≥ 600	1.7	63.6 63.8	71.3	31.2 *1.2	35.8 85.8	7.6	91.5	07.9 07.9	92.9	94.	94.7 94.7	94.7	94.7	94.7	94.7	45.1 45.1
≥ 500 ≥ 400	11.7 11.2	63.8 53.9		81.2 81.6	24 . R	°7.5	91.5	94.0	92.0 94.7	94.3	96.5	95.0 96.5	96.5	95.0 76.5	95.0	95.4
≥ 300 ≥ 200	1.7	63.8	71.3	21.6 21.6	55.7	47.9 27.9	91.4	94.0	94.7	95.7	96.8	96.6	96.8	\$6.6 37.2	96.9	97.
≥ 100 ≥ 0	11.2	62.0		61.6	46.7	47.9	91.8		- 1	95.7	97.2	97.2	91.9		98.2	99.3 100.3

TOTAL NUMBER OF OBSERVATIONS	•
ICIAL RUMBER OF OBSERVATIONS	•

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

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POWER CONTROL

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CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	13.	34.9	37.9	63.6	47.1	69.3	51.5	53.0	53.7	54.2	54.6	54.7	37.1	15.2	i 1	55.5
		37.8		47.7		54.3	55.7	5 . 7	500	50.0	5 6			71.2	61.5	<u>-></u>
≥ 18000 ≥ 16000		37.	41.7	47.9	51.7	54.2	57.2	58.9 : 0.1	59.9 51.3	50.2	50∙8 60•2	50.8 50.9		51.4 51.8	61.9	500 € \$ 62 • 6
	77.	38.4	43.5	49.6	53.3	5.3	59.9	40.7	61.1	62.2	4.7.0	62.8		63.4	53.7	
≥ 14000 ≥ 12000	1 2	39.3	44.1	5 : 9	50.9	57.7	60.8	42.7	£ 4 . 4	64.3	64.8	54.9	,	65.5	1	
≥ 10000	32.4	41.4	61.5	53.3	57.4	10.7	53.4	15.4	35.8	£7.	67.5	67.7	65.3	60.3	2.7	F. 7.
≥ 9000	~2.3	42.4	46.4	54 . 3	51.2	41.0	54.3	16.2	66.6	67.9	68.5	6.5.6		90.0	50.5	7
≥ 8000	77.4	44.2	40.0	56.1	67.4	.3.4	66.7	52.7	67.1	7 . 6	71.	71.1		71.7	72.1	77
≥ 7000	23.1	45.2	40.3	57.1	61.5	54.7	45.0	70.0	73.4	71.4	73.4	72.5	73.0	73.1	73.5	
≥ 6000	75.3	45.3	17.9	50.4	63.0	5 6 · 1	60.5	71.5	11.0	73.7	77.5	74.	74.6	74.6	76.	7,7
≥ 5000	2 . 4	48.1	53.4	60.8	55.0	58.7	72.2	74.4	74.8	76.2	78.9	76.9	77.5	77.6	77.9	7 . 7
≥ 4500	. 30	49.7	54.7	62.6	67.6	71.1	74.3	77.0	77.4	70.0	77.5	72.5	NO - 1	60.2	En.6	-1.
≥ 4000	160	50•8	57.7	63.7	65.7	/2.3	76.0	70.3	7.	86.1	ा 🖰 • ७	50.0	P1.4	*1.5	F1.3	
≥ 3500	*7.	51.9	54.5	64.5	1	73.1	76.0	73.2	74.6		31.7	91.6	37.4	12.4	32.8	
≥ 3000	: 1 • i	1.3.4	53.6	60.6	71.7	75.3	77.2	42.0€	47.4	13.4	54.1	84.2	- H . S	24 . 7	35.3	3 : •
≥ 2500	• •	34.7	67.7	5 . 5	73.4	27.2	91.2	-3-5	6.6	85.4	F E • 2	96.3				50.4
≥ 2000	20.4	55.4	61.7	49.4	74.3	73.4	82.1	75.	90.5	60.3	87.6	27.7	93.3	69.4		£ 0.01
≥ 1800	•	5.6	51.0	67.5	74.0	75.7	92.7	95.1	25.0	A7.	P7.7	67.6		88.5		· ~ 3
≥ 1500	• 7	55.4	61.	67.0	75.7	79.5		ch. 3	96.7	38.3		89.2			90.1	33.44
≥ 1200 > 1000	2.3	5000	51.5	_ ••1	76 - 1	8.1	34.6	27.1	#7.5	Fy . 1	39.9	90.1	37.3	cu.e	21.2	C
	• •	55.1	61.6	7: 4	76.5	80.5		, , ,	38.0	80.5	91.4			21.3	37.7	<u> </u>
≥ 900 ≥ 800		55.2	61.8	7 . 7	76,7	83.7	85.5	7 % ()	90.6	0).1	91.0	- 1	1.8	31.5	97.3	23.5
		36.2	61.5	7. 7	76.9	1.1	35.7	28.5	30.1			71.4		32.2	2.5	١٠٠١
≥ 700 ≥ 600	, v . 3	54.3	61.7	7	- 1	51.3	86.1	20 · 9	50.4	9: • 7	51.5 51.9	92.	92.4	52.5 52.8	93.2	9 1
	19.0	26.4	62.0	70.0	77.3	71.5	86.3	23.1	89.7	01.5	97.4	92.5	7.7.2	93.4	¢ 3.7	04.5
≥ 500 ≥ 400		46.4	5 ? • ?	71.3	77	1.6	- 1	89.3	20.1	920	9	93.0	73.5		ſ	0.0
≥ 300	77.7	5. 4	5,00	71.0	77.2	1.7	86.7	94.6	20.7	92.4	63.4	73.4	94.4	74.6	94.9	25.7
≥ 200	17.1	50.0	6.0	71.0		41.7	66.7	99.6	20.3	93.5	73.6	04.1		75.3		Chek
≥ 100	10.3	56.04	6/ •0	71.0		41.7	85.7	49.6	20.3	92.5				75.7		24.4
2 0	0.0	34.4				1		60.6			93.6	- 1	3		: 1	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) NO CEILING 64. 55.5 57.1 67.1 15. 67.1 ≥ 20000 72.6 77, 71.3 73. ≥ 18000 ≥ 16000 1. 73.3 74.2 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 77. 8000 7000 34. 6000 5000 93.4 4500 4000 91.9 <u>></u> 3500 3000 ≥ 2500 ≥ 2000 98.4 1800 1500 1000 94.2 97.7 900 800 46.3 97.7 700 600 97. 20.1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							Vis	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ ¼	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	1.	43.	35. A4.5	-1.7 56.8	67.5	70.3	45.7	73.9	52.7 71.7	7 1 • 7	71.9	54.7 71.0	72°6	13.1	65.5 77.4	7
≥ 18000 ≥ 16000	3.	1.1.	63 e 1	50.8 50.5	69. 67.	70.3	71.9 71.9	71.7	71.7	71.	71.0	71.7	77	7.	72.5	7 1 . 1
≥ 14000 ≥ 12000	34 a 7	61.6 63.2	0 t	57.4 57.4	71.3	71.	774:3	72.9	74.	72.3	77.4	77.5	77.5	77.4 75.3	73 75.2	7
≥ 10000 ≥ 9000	75.	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	69.7 70.0	71.0	74.	75 . A	77.1	77.4	77.7	77.7	77.7	77.7	7 4	76.7	79.4	7 .:
≥ 8000 ≥ 7000	7 . F	67.7 68.7	71.7	73.6 74.5	77.1	77.4	99.∎	70.7	77.7	7 7 80 - 7	67.3 91.3))),0	1.6		3 7.7 51.5	1 .
≥ 6000 ≥ 5000		71.5	75.5	77.7	97.0		35.4	·/ ·5	৪৮.≖	81.0 55.0	54.2° 86.6°	74.2 75.8	ે. ય	7.4	+ 7 . 4	7
≥ 4500 ≥ 4000	\$ •4 < 3 • 9	75.7	7 . 1		32.7	6.	85.8 67.	93.4	33.4	00 € €	55.45 5.4.7	5 * . 5 90 . 7	÷0.4	rc.4	.7 . 4	7
≥ 3500 ≥ 3000	* 1	77.7	h) - h	47.7	71.7	62.3	93.0	4.5	94.5	04.5	74.0	41.8 54.8	71.6	25.7	91.6.	1.
≥ 2500 ≥ 2000	1 0 1	3.5	07.1 07.1	60.7	33°.	ាទ្ឋកា	95.8	7.4			37.7	27.7	27.4 22.4	~7.4 59.4	98.4	
≥ 1800 ≥ 1500		14.2	34.7	91.6	95.2		91.1	: 4	98.7	98.7	30.7	97.7	⇒^.4 ≈0.7	10.7	ं है . ध. <u>' उ. र</u>	
≥ 1200 ≥ 1000		4 . 7	84.1 85.	71.6 71.6	95.2	05.5		35.7	38.7	95.7	40.	90 · 1	.5.7		00.7	
≥ 900 ≥ 800	47	4.	B r		95.2	6.5		^~. 7	79.7	78.7	75.	99.7	*0.7	73.7	29,7	67.7
≥ 700 ≥ 600	4 2 0 1	4 - 4	80.7	*1.6	95.2 95.2	.0.	98.1	21.7	7F.7	98.7	27.	99.0	47.7		09.7	
≥ 500 ≥ 400		4	8 6) . 8 C	91.6 7.6	95.3	16.5 16.5	95.1 98.1	28.7 29.7 29.7		98.7	\$9.0 \$9.0	00.00 00.00 00.00 00.00	90.7	99.7	99.7 99.7	
≥ 300 ≥ 300	42	4	87.7	91.6	98.03	75 . E	9.P. 1	08.7	93.7	98.7	,	19.0	97.7	09.7	49.7	77.7
≥ 100 ≥ 0	- 4 - 3	4 2	AG.		95.2			08.7			}	99.0			- 1	1 •) 100 • u

***	AU I MARKS	OF ORSERVATIONS	, ,	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MII	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¼	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	•	11.	45.	35.4	50.7	1.9	53.2	:4 , 5	£4 . c		35.0	23.3	57.1	70.00	EK . :	7.
≥ 20000	.1.	*5.4	14 7 g id	• • 7		\$	57.1		. 7.	Sles	-1.6	-106		1.2.5	43.2	
≥ 18000 > 16000	1.	45.	2 • 7	1.3	1 55.7	.7 - 1	55.7	10.7	5.0	67.3	47.3	62.3	1			
<u> </u>		4	<u> </u>	- 51 • 3	- 5 - 7	7.1	55.7	7		54.5	6.7 • 13	57 s				
≥ 14000 ≥ 12000	11.43 2.41	45.	51.4	52.4	50•9 57•7	- 17.7 - 39.7	\$9.4 61.4	13.6	- 61.65 - 63.6		53.7 55.5	65.5	67.6	100 m	24.1 27.1	
-		10.0	54.0	67.1	1.1	3	55.5		67.4			09.7		7 . 7	71.	71.
≥ 10000 ≥ 9000	1			56.9	1	4	66.5	4		1 1	7 ~ . 7	7 . 7	71	71.5	-7.5	71•! 7•.
≥ 8000	* * . •	13.3	4:.0	62.7	66.1	58.1	75.7	72.6	73.6	74.5	74.0	74.8	7₹.₹	75.	75.5	77.
≥ 7000	32.43	54.4	40.7	41.3	2.1	1,8 . 7	71.5	73.3	73.3	75.5	75.5	13.3	76.1	76.	77.	77,
≥ 6000 ≥ 5000	. •		41.	2.0	58 • 1 7 • 1	70.7	73.2	75.5			77.7	77.7	i	ł .		
	- 4		63.4	14.5		72.1	75.2	_				79.7			#1.5	
≥ 4500 ≥ 4000	7 . 4	7.3	53.6 55.1	45.2 67.7	77.7	78.5	75.8	75.1	7:41	50.3	d C • I 8 3 • 9		41.5	1	65.8	• 1
≥ 3500	-	1.1	47	67.4		78.4	91.3		5 ₹ • °		36.5	20.5		7.6		
≥ 3000		42.	60.7	71.5	1 !	7;.0	64.5	7,1	£7.1		63.7	53.7	1	. 7	11.5	11.
≥ 2500	1.	53.4	771.7	72.5	79.4	22.00	56.5	84.0		91.5	\$1.9	71.7	-	-7.6	77.9	
≥ 2000	:	ts	71.4	74.7	90.7	83.9	97.7		'1 () , 7	07.0	× 7 • 2	19 X • 3	4 7 6	74.2	25.2	سفنت.
≥ 1800	/2 + 1	15.5	7:07	74.€	11.7	14.0	53.1	77.7	- •	1 .	- 1	93.5	24.7	34 - 5	35.5	50 to 50
≥ 1500		15.5	73.6	75.5	81.3	15.5		·			7. , ,	97.02		70.01	27.1	
≥ 1200 > 1000	•	1.5 • d	70.9	7		°5.6	39.7	,			, , , ,		1		47.4	•
≥ 1000	• 1		72.2	76.1		6.1	9:00	2.7		75.	35.8	35.5	+	2500		127.4
≥ 900 ≥ 800	1	40.1	73.7	74.1	52.6 52.6	6.1	90.0	,			3 E . H			1		
		.0.4	77.3	742.1		6.1	3 7 3	74.2			26.1	<u>ce.1</u>		27.1	78.1	
≥ 700 ≥ 600	- 3 • 3	56.1	73.7	76.1	37.6	6.1	90.3	7 . 7	93.6		96.1	96.1	1		29.1	
	7 2	56.1	73.2	76.5	67.0	201	90.7	3	13.9		34.5	34.5		97.4	96.1	2 2 9
≥ 500 ≥ 400		1.6	7 2 2	76.5		່ຽ. ີ6.5	90.7		ያንቀን የ	1	C 4 - 2	75.5			48.0	, . •
	42.0	- 4, 1	77.7	75.5	47.5	36.5	91.0	21.9			25.8	66.6			18.7	,,
≥ 300 ≥ 200	42.	.0.1	77.7	76.5		6.5		· ·	-	1 - 1	97.1	97.1	97.7	1	99.4	1
≥ 100	12.3	-0.1	7 7	76.5	32.7	86.5	71.	27.0	24.2	26.00	77.1	97.1	37.7	59.1	99.4	157.0
2 100	42.3	16.1	73.2	76.5	32.9	6.5		73.9	94.7	1	57.1	77.1	27.7		1	100

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

i:

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	11.7	44 a 3	4 7 • 1 3 · • 1		57.5	71.3	ξ . ·	1.	14.5	34.€5 01.€3	4.5	-1.		1.1	1.	
≥ 18000 ≥ 16000	1.	#	50.4 53.7	55.5	57.7	58 - 1	61.	11.5	11.5	51.5		41.3	51.3	/ 1 · 7	1.1.7	
≥ 14000 ≥ 12000		1.4	5 6 5 5 5 6 7	57.7 55.7	5 2 6 7	11.7	5 (• 2 9 4 • 5	7 7. 3 50. 7	5 9 • 3 5 • 5	64.3 55.5	54.7	4.2	.4 • £ 4 € • 1	6 L	(, 4 . ?	
≥ 10000 ≥ 9000		18.± 56.±±	1,0 . 1	//6 //:7	15 to 5	5. ? 16. °	50.4	70.0	7-1-2	49. 73.7	29.0 75.3	5	70.3	4 7	7	•
≥ 8000 ≥ 7000	4.2		57.4	67.3 69.7	7.5.7	73.0	15.3 75.5	17.1	7114		77.6	70.0			76.	
≥ 6000 ≥ 5000	•	52 . 9	07.	7. • 7. • t.	7	77.4	27.4	7 1	71.4	7 7 . 4	7 . 4	7	7 .4	76.4 1.	7	•
≥ 4500 ≥ 4000	1.	67.1 50.4	74.1		7-01	1.	31.4	* • 3	7.4	5.0	7 ° • 5				د ا د از و در	
≥ 3500 ≥ 3000	4 4	71.4	76.7	77.1	3° • 3	7.0	27.1 2(.)	7.7		S ~	2 5 • 14 3 • 3		1 . 7	1.	01.1	
≥ 2500 ≥ 2000		70.41	3. 4 3. 4	94 • 2 V : • 2		1.4	77.6	7 . 2 7 6 . 4		43.5 9 .7		23•9 25•9		23.0 N		•
≥ 1800 ≥ 1500	•	70.0	87.6 34.5	17.1	``.	73.4	54.7 20.1	. 6 • 6 7 6 • 6	37.1	9 97 . 1	5.50 m	7 . 7 . 4	1	1 5 g 1 1 7 g 4	1.5, . 6 27 . 6	
≥ 1200 ≥ 1000	* * *	76.4	34 . 5 84 . 9	37.1		-3.0 -3.6	16.1	1 . S	7.1	37.1	77.4	•		•	7,6	
≥ 900 ≥ 800	• 4	7	54.3 34.3	27.4		4	96.5		97.7		4	7 • 7 5 • 2	- , 7 - , 1	77.7	97.7 25.1	•
≥ 700 ≥ 600	• 19 14 2 • 19	77.	55.7 85.2	7.7	97.4 4.4	4.5	97.4	7.7	90.4			50.4	67.7	99.7	78.7	
≥ 500 ≥ 400			3° °	67.7	33.3	4.5	97.6 99.1	20.	\$4.7 54.6	77.4	.9.7	39.7		1 . ^ • 1	37.6 130.5	<u>.</u>
≥ 300 ≥ 200	• •	79.	85.7	7.7		4	98.1 98.1	- 0 • 1 - 9 • 1	20.4 20.4	74.4	1 - 1	09.7	100.0 100.0	196.5 190.5	143.6 135.6	1 . 1 .
≥ 100 ≥ 0	4	77.0	87 .7 35 .7	.7.7	97.0	Ц.	9 H . 1	35.	90.4 99.4		' '	59.7 59.7	1	1 7 3		1

DATO	NUMBER	OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MI	LES)	-				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ 4,	≥ %	≥ 5/16	≥ 1. ≥ 0
NO CEILING ≥ 20000	,		y 7•1 63•1	5.8	· ·	, ,	49.	5 0 0 1 5 7 7	7	, , ,	5.7.7	4 7	, ,		
≥ 18000 ≥ 16000	•		5 3 5 T	# 14 g E	5c.	7.7	5.7	7.7.7 7.7.7	. 7	7	7.7	33.7			
≥ 14000 ≥ 12000	3.	1.	5 · ·	- 1 - 7 . 7				1		51		/ 		_1_	
≥ 10000 ≥ 9000		- 5 . .	, ·	· 1 • ?		5.7						35.0			
≥ 8000 ≥ 7000	•	3 - 9 - 1	6 1. A	60.3	1 € 6 € 7 10 € 6	7 1.	7.	7	, , ,	,	7.,	,	7: • 7	7	7
≥ 6000 ≥ 5000	5 • 1		64.1	55.9		1.3	71.03	-	71.	7	71.1	71.7	-1	71.	71.5 25.
≥ 4500 ≥ 4000	-7 6	7	77.9	7 3	77.0		76.		75.7	7		? ′ • ′i			
≥ 3500 ≥ 3000			77.4		14 f . 1 f 3 .	75 • .							7		· · · · · · · · · · · · · · · · · · ·
≥ 2500 ≥ 2000		17.7		13.00	91.7	, j	90.		3 " • ·	67.44 25.44	36.0	5 % <u>0</u>	 <u>?•ייי</u>	ا • رائ لمحققارا	
≥ 1800 ≥ 1500	· · · · · · · · · · · · · · · · · · ·	1.	9 ° 4	93.4 93.5	17.7		77.		5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.1 7.4	77.1	7 • i ₁		7.) :	
≥ 1200 ≥ 1000	i		9 • 7 5 • 9	59.7 59.7	\$ 1. • 7 \$ 1. • 1	1 0.	100.	11	1	11 ;	<u> </u>	1	1) [· •	1 (160) 1629 (141) (16
≥ 900 ≥ 800	* • .		97.5	்લ • 2 * ધ • 2	75.7 77	1.10.0	107.0	1	1 .	1	155.4 155.7	1	1 1 - 4	:	1.0.41 . 110.11 .
≥ 700 ≥ 600		120	50.0	4 4		173.3	100	100.0	: 1	10	1.5	1 6	1		1 5.5% 1 . 135.4% -
≥ 500 ≥ 400	4.	10 m	* • :	≏6* 4 • .!	98.47	1 76.00 1 76.00	16	+	1	100	100.0	100 171	101.9 151.0	1	1 : " •) •
≥ 300 ≥ 200		-2.3 -2.	9 •	64.7 4.7	99 . 7 37 . *	1 3.0	1 ° ° • 1 1 ° ° • •	1	1	1000	11. Pe 3	\03.° 163.0	177.5	150•7 159•4	: ::: 1
≥ 100 ≥ 0		1.0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90 . 7	1	100.	1		100	100.0	1	1, *•C	17 % 1 17 % 1	130.7377.

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILIT

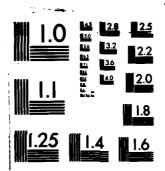
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

The state of the s

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	ه ≤	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	2. %	≥ %	≥ ½	≥ 5-16	≥ '₄	
NO CEILING	• 1	4. •	4 .	, , ,	-1.	1.4	1.7		1.0		١.	:.	:.	1.1	1.	
≥ 20000	•	. it. • 1	33.7	41.	•			• 3			•	•	_ : • '	• :	• •	
≥ 18000	• 4	75.1	5 1	51.	(C ≥ 0	. 3				4 1	. ,		7.0			
≥ 16000	7 . 4	' > •	6 . 4	£1.	(a) • 9		F 1.	7 .	5.5	200	6 7 • 6	1 1		· · .	• •	
≥ 14000	* 7 . 1	7.4	5].	7 7 . 9	1.4 . 7	4.	44.	•	· '\ • -	4.	4 2		• : •	. 1 .		•
≥ 12000		• 1	6703		61.4	i tru i	37.1	- * • t	1	. 7.3		• 1	. i, `• t		7 • 1	
≥ 10000	•	•	. 1	· i	۶ و " ز	' n . !	S • 4	. 4	• t	45.4	, A.				. 4	
≥ 9000	• 1	• 1	10.00	1. *s • *3	33.4 4		4, 5)			_		1 : * -				
≥ 8000		1.4 • 3	Ø + • P	71.3	7	3.	77.	* 4	* A • 1	7 5 . 1			•	•		
≥ 7000	7 • 1	12.5 • 1	7 .7		74.1		24.0	74.		75.		74.			~ • •	•
≥ 6000		7.4	71.3	*3 4 1	75.	أودا	? : • :	7 : 4 9	•	7	74.5	1		*/		
≥ 5000	74 - 6	•	74.	"⊹•'	7 .7	29.	7	,	17.			7 / 4 3	·	• •		
≥ 4500	• •	71.1	7 , . :	77.7	7	•		• 7	• ~	•	• 7		,			•
≥ 4000	• : • :	74.9	7: . 7	-1.3	• • •	3.	57,6	`. . √		6:•		1.4	• -	•		
≥ 3500		7	4 8 4	1.7 🕠 5	ר די	· 1, • 2	J 4			1 3 3 . 4		•	٠. ٠			•
≥ 3000	1		1 1.04			1.5			•	2.	2:00	· • • •	٠,٠			
≥ 2500	7.1	•	31.0	1.5		15.1		•	•		•	•	•			
≥ 2000	2.4	7.1	9".	74.	57.7	7.5		7.7	, , , , ,	7.		· · · · /	7 . ?	,	7,7	
≥ 1800	3.4			• .	: 7 . 2	7.7		. 1	•	>	!	•)			r.,	•
≥ 1500		10.1	⇒'. .?	5 to a 1	3.1	5.7	7.0	39.03	5.5		50°			•		
≥ 1200			• (Sec 1	•	, ,	•		2 🐞	4) , L	•	. 1			
≥ 1000		3 • 9	7.01	29.5	* • 7	₹.	00	* • • w	. 4	•	• •		• 3		• •	
≥ 900	4.7		7 : 0	- 5 · 5	94.	7.	97.4			15.0	• •	•	. 7			
≥ 800	• 4	5 • 4				9.	30.00			5.7.7	, , , ,		. 7	7.	٠, , ٦	•
≥ 700	-		57.7	٠,٠		14.	5 7 . 4.	` • •	- i				. 7		•	•
≥ 600	4.4	7 F 🙀		71.5		2.0	ت ہے: ز	. Tal	4	• ,		7	1 7		· • •	
≥ 500	٠.٦		77.7	5.5	7		2	71 4 12	4		• 7	7 L . P		•		
≥ 400	5 · 1		9 7.0 4	10 e 🙀	, ,	7.	23.6	* *	• • •			7	٠. ٦	, , ,		
≥ 300	1	6.	, 7.	1.6 . 1	7	9.	^ ; , a	. 7	• 7		1	1:-	• • • • • • • • • • • • • • • • • • • •			1
≥ 200		. a.,	G 7.	٠,٠٠		у.	19,4		24 7		1		1		والمواتية	14
≥ 100	٠.١	1.5 4	7 %.	10 FL . L	21.0	0.	50.0		•	1	1 .		1	1	15	1
5 0	1	1		1 4. 1			1. V . u				۰ ۾ ,		•			1 7

TOTAL NUMBER OF OBSERVATIONS

3/4 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) LEMOORE CALIFORNIATU! NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC. AUG. 84 AD A150 439 F/G 4/2 Mi UNCLASSIFIED



"MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

STATION STATION BASE PRODUCT STATION BASE STATION BASE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 6 ≥ 1% ≥ 5 ≥ 4 ≥ 2% ≥ 5/16 ≥ 0 NO CEILING 37. 58. 57. 67. 1.U . 50.3 SC. 60.7 60.1 .00 6 . 7 €." 50.7 69.7 60. ≥ 20000 63. 67. ≥ 18000 ≥ 16000 63. 67. 67. ≥ 14000 ≥ 12000 68. 68 . 69, 69. 69. ≥ 10000 ≥ 9000 43. 69 71. 73 44. 70. 74. 74. 8000 7000 44, 71. 74. 76. 76. 77.1 77. 77. 77.4 77.4 73. 79.0 76. 77.1 73. 76 . 78. 79.0 79.0 79.0 79.0 79.0 79.0 75 79. 6000 5000 41. 8 0 €Q. 80. 40 . 80. 80. 79. 64. 81. 95.1 47 . 84. 86 . 86. 97.1 4500 4000 87.1 £7.1 67.1 27.1 47 93. \$6. 89. 91. 71.5 ំបិ • 89. 90. 91.4 91.6 3500 3000 95.2 95.9 98 . 2500 2000 97.7 98 . 48. 99. C 98. 1800 1500 98 . 78 . 31. 98. 99 99. 99. 91. 900 800 79 . 29.7 79.7 52. 99. 32. 99. 79. 99.7 91 90. 52. 91. 75. 500 400 91. 99. 94. 79 9. 91 32. 91.5 96. 99. 71. 98.4 99.7 99. 52. 95.1 7|160.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0|100.0 711 Co. di ag. di ag. di ag. di ag. ab ag. al ag. al ag. al ag.

TOTAL NUMBER OF ORSERVATIONS 311

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

| PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM | PROBLEM |

CEILING						_	VIS	IBILITY (ST	ATUTE MIL	ES)						}
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	2 %	≥ 5/16	≥ %	≥ 0
NO CEILING	36.5	65.1	67.4	68.	68.7	68.7	69.0	₹9.0	64.	49.5	60.0		59.F	45.	60.0	62.0
≥ 20000	37.7	70.1	72.3	72.9	73.6	73.0		73.9	73.9		73.9				73.9	
≥ 18000 ≥ 16000	38.1	71.0	72.6	73.2	73.9	73.9		74.2	74.2	74.2	?*•4	74.2			74.7	
	38.4		72.9	73.3	73.4	73.9	74.2	74.2	74.9		74.2	79.2		74.3	74.7	
≥ 14000 ≥ 12000	39.7	71.3	74.8	75.8	74.5	74.5	74.6	74.6	76.8	74.5	74.P	74.6	74.5			74 . 5
	40.0	74 . 8	76.9	77.7	73.4	79.4	78.7	78.7	75.7	74.7	78.7	70.7		79.7		
≥ 10000 ≥ 9000	40.0	75.2	77.1	78.1	70.7	75.7	79.d	79.0	79.0	79	79 d		78.7	79	76.7	79.7
	110	77.4	70.4	83.3	81.3	31.3	81.4	31.6	31.6	-1.6	61.6	£1.6	81.6	81.6	61.6	61.6
≥ 8000 ≥ 7000	41.4	79	8	81.9	22.6	82.4	82.9	92.9	82.9	32.9	82.9	82.9		82.9		92.4
≥ 6000	42.9	81.1	82.4	84.2	84.8	54.8	85.2	25% 2	85.2	85.2	65.2			45.2		45.3
≥ 5000	43.6	: 3 . t		86.8	47.4	27.4	87.7	47.7	£7.7	87.7	87.7	87.7		87.7	87.7	* * * *
≥ 4500	44.5	75.4	87.1	38.4	80.0	29.0	37.4	39.4	89.4	89.4	39.4	89.4	89.4	69.4	89.4	59.4
≥ 4000	44.5	96.1	84.7	90.3	91.	91.0	91.3	91.3	91.3	71.3	91.3	91.3		91.3	91.3	11.5
≥ 3500	45.0	28.7	90.7	92.3	92.4	92.9	93.2	53.2	27.3	93.2	93.2	93.2	93.2	63.5	93.2	23.2
≥ 3000	47.1	91.4	93.2	94 . €	95.5	95.5	95.8	75.3	95.6	95.8	95.8	95.8	95.0	95.8	95.4	95.0
≥ 2509	47.4	91.9	93.9	95.5	96.1	76.1	96.5	96.5	96.5	96.5	96.5	96.5	76.5	96.5	96.5	96.5
≥ 2000	45.0	93.9	95.1	97.7	98.4	98 . 4	98.7	98.7	98.7	98.7	98.7	98.7	97.7	98.7	78.7	98.7
≥ 1800	4: •	93.9	96.1	93.1	98.7	C8.7	99.0	99.0	30.7	99.0	99.0	99.0	99.0	99.0	99.3	99.7
≥ 1500	44.1	<u> </u>	96.5	90.4	99.7	99.0		99.4	99.0	99.4	90.4	99.4	40.0	99.4	99,4	79.0
≥ 1200	43.4	04.4	96.8	48.7	39.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	79.7	99.7	09.7
≥ 1000	45.0	24.2	76.5	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	90.7	99.7	99.7	99.7	99.7
≥ 900	48.	94.2	76.8	98.7	99.4	59.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	79.7	99.7
≥ 800	45.	****	75.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	90.7	99.7	99.7	99.7	79.7	99.7
≥ 700	45.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	78.7	99.7	99.7	97.7
≥ 600	48.	94.2	96.8	98.7	99.4	09.4		99.7	99.7	99.7	99,7	99,7		99.7	99.7	99.7
≥ 500	** • 1	94.2	76.8		99.4	9,4	99.7	99.7	99.7	99.7	99.7			. • •	99.7	99.7
≥ 400	45.1	94.2	96.5	93.7	99.4		1 20 · q									
≥ 300	45	94.2	96.5	94.7	99.4	•	100.0	~	• -	100.d						
≥ 200	43.1	04.2	96.8		99.4		100.0									
≥ 100	46.3	94.2	96.8	78.7	99.4		100.0									
≥ 0	40.3	94.2	96.8	98.7	77.4	99,4	1 0 C • D	100.0	<u> 190.9</u>	100.0	100-0	100.0	100.0	100-0	100.0	100-0

CEILING VERSUS VISIBILITY

2711: LEMINGRE, LA

73-82

HONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)			_			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	12 • 1	52 • 2 57 • 2	5 % . 9 6 D . 9	56 • 1 52 • 3	57 .6	58.2 64.5	58.8	59.0 0.43	50.1	59.2	50.2 66.3	54.2	57.3	59.4	50.4	57.4
≥ 18000 ≥ 16000	75.4 35.4		61.2	62.4	64 - 3	65.1	65.9	6 4	66.4	66.5 66.7	56.5 66.7	66.5	65.7	66.7	66.5	67.
≥ 14000 ≥ 12000	35.4 35.4	59.1 60.4	62.2	63.6	65.5	66.3	67.2	57.6	67.7	67.9	67.9	67.3	69.1	66.1	68.2	#3.3 70
≥ 10000 ≥ 9000	17.9	63.2	65.5	48.Z	70.3 71.5	71.1	77.1	72.5	72.6	72.9	72.0	72.9	71.1	73.1	73.2	77.7
≥ 8000 ≥ 7000	39 • 6 40 • 2	56.6 67.5	70.3	77.1		75.3	76.3 77.3	75.8 77.8	76.9 77.8	77.1 78.1	77.2 78.2	77.2	77.3	77.4	77.5 78.5	77.5 78.5
≥ 4000 ≥ 5000	45.1 42.1	68.7	73.1	74.4	77.0	77.9	79.0	79.5 22.4	79.6 52.5	79.8	79.9	79.9 82.8	87 • O		An. Leka	AL.E
≥ 4500 ≥ 4000	47.6	72.4	76.4	78.7	81.2	84.7	33.1 25.7	73.7 96.3	85.7	84.0	85.7	94.0	24.2	1	84.4 87.0	34.6 37.1
≥ 3500 ≥ 3000	45.1	77.5	81.5	83.8		27.5	92.5	P9.2	89.7 93.1	93.4	93.5	89.6	93.7	93.7	97.5	97.0
≥ 2500 ≥ 2000	47.4	A 2 . 4	87.1	89.4 90.9	-7.	73.4	94.5	95.1	95.2	95.5	95.6 97.2	95.6	97.4	97.4	97.5	
≥ 1800 ≥ 1900	40 . 2 40 . 6	85.8	85.5	91.1 92.0		75.1 76.2	96.3	98.0	97.0 28.1	97.5	98.5	97.4	97.5	97.6 98.7	97.7 98.8	98.8
≥ 1200 ≥ 1000	45.6	34.6	89.4	92.2	95.2	76.4	97.6	78.2	98.5	98.6	98.8	98.8	95.9	99.3 79.1	99.1	99 . 1 99 . 2
≥ 900 ≥ 900	49.6	84.6	49.7	92.3	95.4	76.6	97.9	98.5	98.5	78.2	29.0	99.5	99.2	99.2	99.4	99.0
≥ 700 ≥ 400	48.6	34.6	89.7	92.4	95.5	76.7 96.7	97.9	28.6	98.6	59.0	99.1	99.1	99.3	99.3 9 9. 4	99.5	97.5
≥ 500 ≥ 400	48.6	84.4	89.8	92.4		96.7	98.0	98.0	98.9	99.2	99.4	99.2		99.4	99.6	99.0
≥ 300 ≥ 200	48.6	84.6	89.8	92.5	95.7	96.6	98.2	4A.9	99.0	99.4	99.5	99.5			77.2	
≥ 100 ≥ 0	48.6	84.4	89.8	92.5 92.5		74.8	98.2		99.5	99.4	77.5	99.5				100.0

TOTAL NUMBER OF OBSERVATIONS

2480



CEILING VERSUS VISIBILITY

23110 ESHOGOE, CA 73

1P =

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7)

CEILING							VII	HBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 14	≥ 1	≥ %	≥ %	≥ %	≥ 5/14	≥ %	≥ 0
NO CEILING	36 . T	78.1	73.7	70.5	79.1	79.3	79.3	79.3	79.5	79.3	70.1	79.3	70.8	79.3	79.3	79.
≥ 20000	57.3	51.	51.0		81.7	21.7	81.7	P1.7	21.7	81.7	81.7	81.7	31.7	91.7	81.7	81.7
≥ 18000	57.7	81.3	61.3	82.0	82.7	62.0	82.0	72.0	82.5	82.0	\$2.0	45.0	87.5	82.0	87.0	82.0
≥ 14000	57.3	81.3	81.3	82.0	87.0	42.0	32.0	22.0	92.0	82.0	*2.2	82.0	£2.0	32.0	92.0	82.1
≥ 14000	37.3	32.0	82.3	45.7	82.7	92.7	82.1	42.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	\$2.7
≥ 12000	8.1	34.0	84.0	84.7	24.7	24.1	84.7	34.7	84,7	84.7	84.7	84.7	84.7	34 . 7	84.7	84,
≥ 10000	59.0	A5.1	85.7	56.3	86.3	76.1	86.1	26.3	35.3	36.3	86.3	86.3	86.3	46.3	86.3	P6. 3
≥ 9000	59.0	85.1	85.7	26.3	86.1	46.7	86.3	86.3	86.3	85.3	86.3	36.3	36.3	36.3	36.3	86.
≥ 8000	* 2 · 1	\$7.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	37.7	87.7	67.7	87.7
≥ 7000	51.3	38.3	88.1	89.0	89.0	69.0	89.D	87.3	69.3	89.3	89.3	89.3	80.3	89.3	69.3	89.3
≥ 4000	:1.	38.	65.3	89.0	89.7	89 . C	\$9.0	* 1.3	80.3	89.3	€9.3	89.3	89.3	89.3	80.3	K9.3
≥ 5000	53.1	91.7	91.5	91.7	91.7	91.7	92.0	72.3	92.3	92.3	92.1	92.1	37.3	92.3	52.3	92.
≥ 4500	63.1	71.7	91.7	9	92.1	92.1	92.1	93.0	93.0	91.0	93.0	93.0	34.0	93.0	33.0	93.
≥ 4000	>3.1	92.0	92.3	63.0	73.0	73.0	93.3	93.7	93.	93.7	93.7	93.7	97.7	93.7	23.7	83.7
≥ 3500	1.403	94.1	99.3	95.7	95.1	75.0	95.3	75.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	.5 . €	06.7	97.0	97.7	97.7	97.7	96.0	98.3	98.3	98.3	98.3	98.3	08.3	98.3	94,3	96.3
≥ 2500	25.1	97.1	97.1	78.3	98.3	48.1	94.7	79. U	99.7	99.0	99.0	99.7	60°L	99.0	99.0	
≥ 2000	65.7	97.7	98.0	98.7	98.7	98.7	97.0	49.3	99.3	99.3	99.3	00.3	97.3	79.3	99.3	69.5
≥ 1800	.5.5	97.1	98.0	78.7	98.7	76.7	99.0	99.3	99.3	99.1	99.3	97.3	99.3	99.3	99.3	99.
≥ 1500	4.5 . 5	98.0	98.3	99.0	99.1	79.0	99.3	99.7	79.7	99.7	99.7	99.7	29.7	99.7	99.7	9.7
≥ 1200	₹5.6	98.7	93.	49.0	99.0	99.0	99.3	79.7	99.7	09.7	99.7	99.7	99.7	59.7	99.7	99.7
≥ 1000	55.4	98.0	98.3	99.[29.0	99.0	99.3	99.7	99,7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	25.1	98.0	90.3	99.5	99.	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	94.7
≥ 900	25.7	38.0	98.	99.0	99.1	99.0	99.3	79.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	05 of	98.0	98.3	99.0	99.	59.0	99.3	94.7	99.7	94.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	. 55.4	46.1	93.1	99.5	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	77.7	99.7	99.7
≥ 500	.5.1	98.0	96.3	99.0	99.0	99.0	99.5	99.7	79.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	55.0	98.	78.3	99.0	+2.7	29.0	99,3	99.7	99.7	99.7	99.7	99.7	99.7	l	99.7	99.7
≥ 300	55.5	98.0	98.3	99.7	99.0	39.0	99.3	29.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 200	65.1	98.0	94.3	99.0		79.1	99.7	100.0	100.0	100.0	100.0	180.0		100.0	100.0	Lco.c
≥ 100	65.	98.7	98.3	99.0	99.3	99.1	99.7				100.0					
\$	65.1	98.3	70.1	99.0	***	99.3	99.7		-		100.0					

TOTAL NUMBER OF DESERVATIONS TOE



CEILING VERSUS VISIBILITY

23110 LEMCORE, CA 73-82

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

74

CEILING							VIS	iBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	2 %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	56.1 58.1	77.1	79.7	79.0	79.:	79.7	79.0	79.0 22.0	79.0 82.0	79.0 82.0	79.3	79.3	79.3 82.3	79.3	79.3	10.1
≥ 18000 ≥ 16000	58 - 1 58 - 1	90.7 80.7	81.5	62.0	82.0 82.0	82.0	82.0	72.0	82.0	\$2.0 32.0	ε2.3 82.3	82.3	\$2.3 82.3	82.3		£2.3
≥ 14000 ≥ 12000	54.1 00.0	81.3	\$1.7 \$3.7	82.7	87.7	82.7	82.7	62.7	82.7 54.7	82.7	83.0 0.28	83.0	83.0	83.0 85.0	83.0 85.0	83.11 85.0
≥ 10000 ≥ 9000	60.1 41.5	85.0	85.1	26.3	86.1	86.7	86.3	46.3	86.3	86.3	86.7	86.7	86.7	86.7 87.0	86.7 67.0	96.7 87.7
≥ 8000 ≥ 7000	61.0 62.0	56.0 86.1	87.0	88.7	88 . T	88.7	88.7	88.0	88.7	96.0 86.7	88.3	89.3	88.3	89.0	88.3	26.7
≥ 6000 ≥ 5000	52.1 63.3	87.	88.9 90.0	59.3	89.3 91.3	91.1	89.3 91.3	89.3 91.3	89.3 91.3	91.3	89.7 91.7	89.7	89.7	89.7 91.7	89.7 91.7	89.7
≥ 4500 ≥ 4000	53.7	99.1	♥0.3 91.3	91.7 92.7	91.7	91.7	91.7	91.7	91.7 92.7	91.7 92.7	97.0 93.0	92.0	97.0 93.0		92.0	92.5
≥ 3500 ≥ 3000	54.1 54.1	94.5	94.0	75.3 96.7	95.3	95.3	95.3	75. I	95.3	96.7	95.7	95.7	95.7	95.7 97.3	95.7 97.0	97.
≥ 2500 ≥ 2000	54.7	95.7	96.0	97.7	93.3	97.7	99.7	97.7	97.7 98.3	98.3	98.0 98.7	78.7	98.7	98.7	98.0	98.0
≥ 1800 ≥ 1500	54.7	96.0	97.0	98.7	98.7	94.7	99.3	99.3	90.7	96.7	99.0 99.7	99.0	99.0	99.7	99.0	99.7
≥ 1200 ≥ 1000	64.7	96.7	97.7	99.3	99.1	99.3	99.3	79.3	99.3	99.3	99.7	99.7 79.7	99.7	99.7	99.7 99.7	99.7
≥ 900 ≥ 800	(4.1	96.7	97.7	99.3	77.1	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	54.1	96.7	97.7	99.3	94.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7 <u>99.7</u>	99.7	59.7 99.7	99.7	99.7
≥ 500 ≥ 400	64.7	76.7	97.7	99.3	97.3	79.1	99.3	99.3	99.3	99.3	99.7	99.7 <u>99.7</u>	99.7	99.7	99.7 99.7	99.7
≥ 300 ≥ 200	1,40	96.7	97.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	54.7	96.7	97.7 97.7	99.3	99.7	99.7	99.7	79.7	99.7	, , , , ,	100.0		100.0			100.0

TOTAL NUMBER OF OSSERVATIONS

CEILING VERSUS VISIBILITY

23110 LINGUASE, CA T3=52 APS

STATION STATION MARK PRODUENCY OF OCCUPANCE C7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 21/2 ≥ 2 ≥ 1% ≥ 1% ≥ 1 ≥ % ≥ % ≥ % ≥ 5/14 ≥ o 72. 72. 72. 73. 70. 72. 72. 72.1 NO CEILING ≥ 20000 77. 79. 79. 79. 79.7 79.1 79. 99. 90.3 80. 53. 77. 78. 75. 77. AD. 90.3 ŝl. 80.1 P.II. AC. 50.7 81.0 ≥ 16000 73. 79.1 PG . 3 43. 77. 73.7 83. 80. 80. 80, 80.3 80. 41.0 77. 81.3 -1.3 81.3 81.3 21.3 #1. 51.3 51.7 ≥ 14000 ≥ 12000 80.0 79 90. 82. 92.3 82. £7.3 4.5 81. 82. 82. 82. 31. 32. 83. 84. 24.3 86. 84.3 24.7 ≥ 10000 ≥ 9000 67. 95. 21. 52. 83.1 BA . 35. 85.0 35. 85.0 40. 23. 87.3 27.3 84. 85 . C 86. 87.3 <u>≥</u> 8000 7000 19. 24. 85.0 85. 87. 69.0 39.0 69. 85. 86. 88 . .9. 89.0 87. 89.3 39.7 90. <u>≥</u> 6000 5000 49. 89.0 84 . 85.3 46. 86. 99 . 0 A4.7 49. 89.7 29 89.1 89.7 86. 90. 71.3 90. 71. 71.3 4500 4000 92.7 11. .0. 92. 03. 93. 38. 49. 92. 93.3 72. 89. 92. 45. 95.0 95.7 95. 95.7 95.7 95.7 76 . 5 3500 3000 75.7 95.7 76.3 +O. 91.0 92.7 95.7 96. 96.3 96 . 7 46 73. 97.0 97. 41. 91. 93. 93. 96. 97. 97.3 2500 2000 <u>></u> 91.7 92. 96, 48.0 77. 94.3 97. 97.3 48.0 78. 98 \$9.0 76 73. 97. 98. 91. 74 . 3 98.D 99. 98. 98. ≥ 1800 92.0 93.0 95.3 97.7 29.0 99. 99.0 90.6 98. 92. 99. 99. 99.0 99.3 93. 95. 97 95 98. 99.0 99.0 99.0 92. 93.0 95.3 97.7 98 98. 99.0 29. 99.0 79.3 99. 98 . 95, 99.3 95. 98. 99.3 19.3 900 800 93. 98 . 73. 92.5 75.7 78.7 98.7 99.3 99.3 73. 95. 98 94. 04.3 99. 99.3 93. Ç 8 9. 99. 700 400 93. 73. 92. 65.7 98 . 98.7 29.3 69.3 99.1 99.3 99.3 500 400 99. 98.7 73. \$5.7 98. 98. 99.3 99.3 300 200 73. 93. 99.3 92. 95.7 99.0 78.7 78.1 99.3 99.3 99.3 99.3 99.3 73. 49.3 98.7 98.7 99.3 99.3 99.3 *9.7100.0100.0 ≥ > '3<u>.</u> 94 98.7 99.3 99.3 99.3 99.3 92. 98. 99.3 99.3

TOTAL NUMBER OF OSSERVATIONS 300

CEILING VERSUS VISIBILITY

27116 LEMOSRE, CA

3-82

MONTH 1 **

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T :

CEILING							VI:	HBILITY (ST	ATUTE MII	LES)	•			<u> </u>		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.1	75 a 3	71.7	72.5	72.3	72.3	77.3	72.3	72.3	72.3	77.3	72.3	77.3	72.3 80.3	72.3	77.5
≥ 18000 ≥ 14000	7.3.3 7.3.3	78.1	79.7	80.0 80.0	80 . 1 50 . 1	50.3	80.3	37.3	80.3	80.3 63.3	80.3	20.3	80.3	90.3	80.3	90.3
≥ 14000 ≥ 12000	59.1	79.1	80.7	81.0	81.1	81 · 3	81.3	91.5	81.3	81.3	81.3	81.3 42.3	81.3	81.7	62.3	-1.3
≥ 10000 ≥ 9000	67.0	82.0 62.0	83.3	83.7	84 • C	34.0 54.0	84.0	24 . O	84.T	84.0	84.1	84.0	84.8 84.8		84.0	94. 54.2
≥ 8000 ≥ 7000	65.7	94.	85.3	95.7	86 - E	96.U	86.0 86.0	86.D	86.0	86.0	86.3	85.J	36.0 86.0	86.0	86.0	86.0
≥ 6000 ≥ 5000	68 a 3	85.1	85.3	95.7	86 of	16.5 16.6	86.0	86.0	86.0	95.0	66.0	86.0		86.9	86.0	86.
≥ 4500 ≥ 4000	73.3	86.7	88.0	98.7	89.3	89.0	89.0	59.0 90.3	₽9.7 90.3	89.0	89.0 90.3	89.0	57.0 90.3	99.0	59.0 90.3	80.7
≥ 3500 ≥ 3000	77.7	90.0	91.3	92.0	97.0	02.3	92.3	92.3	97.0	97.5	97.3	97.3	92.3	92.3	97.0	97.6
≥ 2500 ≥ 2000	75.7	95.0	96.3	97.0	96.0	97.1	97.2	67.3	97.3	97.3	97.3	98.0	97.3 58.0	97.3	98.3	97.5
≥ 1800 ≥ 1500	75.7 75.1	95.7	96.7	97.7	98.0	99.0	99.0	98.C	98.0	98.0		98.0			79.0 99.0	
≥ 1200 ≥ 1000	76.0	96.3	97.7	98.7	99.3	99.7	99.3	9.3	99.7	99.3	99.3	99.3		99.7	99.3	99.5
≥ 900 ≥ 800	76.5	96.3	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	1 :: " 1	99.7	99.7		99.7	99.7
≥ 700 ≥ 600	76.0	96.3	99.0	99.0	99.7	99.7 99.7	99.7	79.7 100.0	99.7 100.7		99.7				99.7 100.0	
≥ 500 ≥ 400	76.5 76.1	96.3	98.0	99.0	99.7 95.7	99.7	100.0				100.0 100.0				100.0	
≥ 300 ≥ 200	76.0	96.3	98.0	99.0	99.7	. • 1		100.0			100.0				100.0	
≥ 100 ≥ 0	76.0	94.3	93.C	99.0	99.7			100.0			100.0				100.0	

TAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

20110 LEMOGRE, CA 77-92 TAND MARE PRATOR MARE PROTECTION OF THE PR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 5/16 45. 67. 67. 67. 67.3 67. NO CEILING 65. 67. 73.1 74.7 73. 74. ≥ 20000 74.7 74.7 74.7 75. 75.3 75.5 73. 74. 75.3 75. 75.3 ≥ 18000 ≥ 16000 74. 74. 75. 75.7 75. 77.0 77. 76.0 77. 77. 77.0 77.5 77. ≥ 14000 ≥ 12000 78 . 77. 78. 77. 78.1 75.7 78. ₹0.3 80.3 ≥ 10000 ≥ 9000 3 O . 78 . 50.3 30. 80.3 87.3 AC . 3 40.5 78. 79. 80.5 60,3 : B • 37. °0.3 80.7 AU. Y 40. no.: 90.7 80. 80.7 80.7 8.7. ≥ 8000 ≥ 7000 79. 85.5 51.0 81. A1.3 31.7 81. 82.0 62.4 #2.d 82.0 \$2.0 P 2 *4.3 84 24. 64. 69.1 86 . €6.0 36.3 86.3 86.3 86. 35.3 4500 4000 97.7 89. 89.3 A8. 89.3 89.7 29.7 93. <u>≥</u> 96.0 96.0 76 . C 96.3 98. 97.0 99, 72. 72. 96. 98. 99. 1200 1000 99.3 98.3 99.3 99. 99.7 99.7 7 7 . 98. 99.7 700 400 or ile con la contra del la contra de la contra de la contra del la contra del la contra de la contra del la co <u>- acido ou la carda a di acordo ou la carda car</u> 300 200 97. 99. 71. 20. 01.00. 01.50. 01.00. 01.00. 01.00. 01.00. 01.00. 01.00. :2. 99.71 00.01 00.01 00.01 00.01 00.01 00.01 00.01 00.01 00.01 99 - 71: 00 - al: 00 - al: 00 - al: aa - al: aa - al: aa - al: aa - al: aa - al: aa - al: aa - al: aa - al: aa

TOTAL NUMBER OF OBSERVATIONS 300

CEILING VERSUS VISIBILITY

Z3117 LEMOGRE, CA

73-42

2 C A

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS T I

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)		•				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.3 58.3	60.1 78.1	71.0	71.0	71.5	71.0	71.6	71.0	71.7	71.4	71.0	71.17	71.0	71.7	71.5	71.7
≥ 18000 ≥ 16000	58.3	78 · 1	77.3	79.3 79.5	77.3	79.3	77.3	79.3	79.3	79.3	79 • 3	79.3	79.3	70.3	70.3	79.7
≥ 14000 ≥ 12000	\Q.7	78.7	87.5 81.7	95.0 81.7	80.7 81.7	20.0	80.0	10.0 81.7	50.0 81.7	50.0 81.7	60.0 61.7	80.0	50.9 81.7	50.0 51.7	80.0 81.7	9.'•.' Sl.7
≥ 10000 ≥ 9000	.1.1	62.0 82.3	83.3	83.3 83.7	63.3	#3.1 P3.7	37.3 83.7	93.3	83.3 63.7	93.3	63.3 83.7	83.3	03.3	43.3 83.7	83.3	47.7
≥ 8000 ≥ 7000		°3.3	54.7 65.0	84.7	84.7 25.0	84.7	84.7 85.0	94.7	94.7	84.7	84.7	84.7 45.1	84.7	84.7	84.7	94.7
≥ 6000 ≥ 5000	3 2 . 3 3 4 . 3	54 • 1 8 5 • 7	85.7	35.5 87.8	65.3 87.5	85.3	85.3 87.0	5.3 67.0	85.7	85.3 37.0	25.3 27.0	85.3 87.0	85.3 37.0	55.3 87.0	85.3 87.0	95.3 27.3
≥ 4500 ≥ 4000	3 5. €	20.3	91.7	91.7	89.0 91.7	99.0	89.C 91.7	89.5 71.7	89.0	39.0 91.7	57.0	89.0 91.7	01.7	89.0 91.7	89.0 91.7	99.00 21.2
≥ 3500 ≥ 3000	49.7	90.7 97.0	92.5	92.0 28.3	92.7	°2.j	98.7	92.9 96.7	97.7	92.0 98.7	98.7	95.7	95 • D - 78 • 7	92.0	92.0	73.7
≥ 2500 ≥ 2000	75.3	77.7	99.0	99.0	99.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	39.3		
≥ 1800 ≥ 1500	73.3	77.7 93.0	99.7	99.3	99.0	29.5	99.7	99.3	99.7	99.3	99.3	99.7	60.3	99.7	99.3 99.7	52.2
≥ 1200 ≥ 1000	73.1	73.	97.3	79.3	99.	9.3	99.7	99.7	99.7	99.7	79.7	99.7	19.7	99.7	99.7 79.7	99.7
≥ 900 ≥ 800	73.	78.0		99.3	99.3	99.3	99.7	29.7	99.7			99.7	39.7	99.7	99.7	22.7 96.7
≥ 700 ≥ 600	73.3	96.0	99.3	99.3	99.3	79.3	99.7	9.7 9.7	99.7		99.7	99.7		99.7	99.7 99.7	
≥ 500 ≥ 400	73.1	98.0 98.0	99.3	99.7	99.7		100.0 100.0	190.0	100.0		100.0	100.0	100.0	100.5		100.0
≥ 300 ≥ 200	73.3	98.0	99.1	99.7	99.7	79.7	100.0	ם. פר ג			100.0			100.0		100.0
≥ 100 ≥ 0	73.2	98.7	90,3	79.7 59.7	99.7	. •	100.0 100.0				190.0 190.0			,		

TOTAL NUMBER OF OBSERVATIONS

100

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 7

CEILING							VIS	ABILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7. J.	77.3	72.7	75.0	77	78.0	78.0	72.C	7: • 7	78.0	75.03	73.5	7 7 6	7.501	73.0	72.
≥ 20000	3.3	92.	62.7	92.7	87.7	37.7	52.7	37.7	32.	2:07	E ~ . 7	52.7	100	7.7.7	<i>i</i> ? , ?	2 7
≥ 18000	6.5	32.4	82.7	82.7	82.7	72.7	82.7	72.7	87.7	32.7	a2.7	62.7	*7.7		32.7	7 • 7
≥ 16000	• 3. 7	820	9.7.7	A2.7	82.7	42.7	87.7	97.7	3. 7	8407	57.7	52.7	17.5	62.7	32.7	9
≥ 14000	0.34	83.3	84.	94.7	84.7	44 . C	#4.1	34.7	04.4	84.6	64.0	₹4.0	1	104 e T	- 4 . C	26.
≥ 12000	0.3.1	34.7	84.7	54.7	24.7	64.7	84.7	34.7	34.7	54.7	2407	94.7		194.7	54.7	
≥ 10000	45.0	25.7	34.7	FE - 3	36.3	16.3	36.3	36.3	00.3	85.3	66.3	66.3	, • •		8 A . 5	
≥ 9000		35.7	85.3	36.3	86.7	5.3	36.3	36.3	84.7	36.3	83.3	55.3	85.3	26.03	55.7	
≥ 8000	46.07	37.	81.3	94.3	88.3	28.3	58.3		38.₹	PH • 3	\$7.3	13.3		1	₹8.5	
≥ 7000	1,7 . 3	33.3	87.1	89.7	89.7	89.7	89.7	59.7	85.7	99.7	89.7	£9.7	30.7	-	65.7	
≥ 6000	57.7	99.	9 1 • 1	^{ເງ} t. • \$	30.1	°0•3	90.5	50 · 3	ខ្ព•ា	93.3	20.3	01:03	3	• 1		• • • • • • • • • • • • • • • • • • •
≥ 5000	4.9	91.7	92.1	92.7	97.7	· 2.7	92.7	72.7	42.7	93.5	93.5	83.5		03.		
≥ 4500	4.4	92.	92.7	33.0		43.0	93.0	્રા • દ	9.00	03.3	5	93.3	17.3	23.3	N 1	. ~ ` •
≥ 4000	70.1	93.1	93.7	94.7	94.	5 N . ()	94.0	94.0	94."	04.3	96.	94.3	54.2	14.3	94.3	174 . 2
≥ 3500		74.3	95.	95.3		95.3	95.3	95.3	0 g. ● 4	25.7	95.7	05.7	95.7	55.7	75.7	95.7
≥ 3000	72.3	46.7	97.3	97.7	97.7	77.7	97.7		77.7	98.	GR.	78.0	63.1	900	98.0	9 8 .
≥ 2500	73.7	₽B•7	99.7	\$9.0	83.1	29 . C	79.5	99.0	29.0	74.3	99.3	96.3	67.3	79.3	99.3	99.3
≥ 2000	73.3	3.	99.0	79.3	94.3	¢9.1	99.3	>9.3	45.3	99.7	30.7	99.7	00.	99.7	33.7	30.7
≥ 1800	7.5	78.3	30.7	99.3	97.	09.3	99.3	09.3	99.3	79.7	99.7	79.7	94.7	34.7	79.7	90.7
≥ 1500	73.1	440.	99.0	66.3	99.7	39.3	99.3	79.3	50.3	90.7	90.7	99.7		79.7	40.7	200.7
≥ 1200	73.	784.	99.7	99.3	27.1	·9.3	99.3	39.8	39.3	74.7	99.7	49.7	10.7	50.7	27.7	99.7
≥ 1000	7.3	78.3	30.7	49.3	99.3	99 . Y	99.3	77.3	39.3	99.7	99.7	9.7	45.7	50.7	20.7	99
≥ 900	7.5.3	98.1	43.4	09.3	99.3	79.3	99.3	19.3	99.3	99.7	39.7	33.7	99.7	59.7	99.7	90.7
≥ 800	73.3	78.5	99.N	37.3	96.	F 3	89.1	99.3	26.	94.7	49.7	99.7	90.7	49.7	69.7	00.7
≥ 700	73.3	28.3	99.0	99.3	89.3	79.3	99.3	57.3	99.3	99.7	99.7	99.7	99.7	39.7	99.7	4.3
≥ 400	73.3	26.3	99.0	09.3	99.3	09.3	99.3	30,3	90.3	39.7	59.7	99.7	99.7	99.7	33.7	79.7
≥ 500	73.3	98.7	29.7	99.3	90.	29.3	79.3	99.3	39.	99.7	99.7	99.7	09.7	99.7	99.7	99.7
≥ 400	73.1	28.3	97.7	79.3	99.3	99.3	99.3	19.7	99.7	100.0	100.0	170.0	100.0	100.5	107.3	1
≥ 300	73.3	78.3	99.	99.3	99.4	49.3	99.3	69.7	79.7	100.0	100.0	100.0	160.5	1 0.5	100.0	1
≥ 200	73.1	26.3	99.0	94.3	99.5	29.3	99.3	79.7	99.7	100.0	100.0	100.0	200.0	100.0	100.5	171.0
≥ 100	73.3	98.3	99.0	79.3	99.3	29.3	94.3	29.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	73.5	78.3	99.0	09.3	99.3	39.3	99.3	09.7	99.7	1 14-0	iuo.c	100.0	100.0	100.0	130.0	inc.c

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)		<u></u>	-	<u>_</u>		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000		31.07 24.0.	42. 3 54. 7	71.3 E4.7	87.3 34.7		87.3	7 • 3 64 • 7	12.3	20.3 84.7	67.3	27.3 24.7	27 • 3 34 • 7	54.7	(7.7 84.7	£ 4 2
≥ 18000 ≥ 16000	4.3	4.3	85.0 85.0	85.0 85.0	85.9 35.	95.1 95.1	85.4 85.0	95.0 35.0	გვ.ე კვ.ე	35.0 33.0	45.0	-5.3 -5.3	35.5 35.0		05.0	9
≥ 14000 ≥ 12000		6.	35.7 87.0	85.7 87.0	55.7 87.0	45.7 47.5	55.7 97.0	25.7 87.0	55.7 87.5	83.7	55.7 37.0	85.7	55.7 97.0	15.7	85.7 57.0	7
≥ 10000 ≥ 9000	5.1 3.1	78.7 99.0	39.3	87.3 89.7	30.7	99.3 20.7	89.1	29.7	57.3 29.7	89.3	87.7	59.3 39.7	80.7	39.3	69.7	44
≥ 8000 ≥ 7000	67.	91.7	94.7	90.7		"0.7 "2.3	90.7 72.3	ા≎.7 <u>ેટ.3</u>	90.7 92.3	96.7	97.3	97.3	92.7	22.3	93.7	* • 1 • 1 • 3
≥ 6000 ≥ 5000	67.	97.3 54.3	93.5 95.3	73.d	95.7	73.7	93.0 95.3	93.0 75.3	45.3	93.3	93.0 45.7	5.0 55.7	ገ ፣ ቀር 95 • 7	23.0 25.7	63.9	· · · ·
≥ 4500 ≥ 4000		74.7	95.3	95.3 96.9	36.7	75.3	95.3	75.3	96.3	95.3	95.7 76.5	95.7 24.3	31.3	15.2	75.7	
≥ 3500 ≥ 3000	49.1	00.7	97.3	97.3	99.7	·7.3	97.3	30.5	97.3 95.7	97.3	97.7	97.7	97.7	38.7	78.7	3.7
≥ 2500 ≥ 2000	70.0	57.7 58.3	98.3	98.3 95.0	29.0	78.3	98.3	98.3	98.3	78.3 44.0	90.7	94.7	93.3	09.1	99.3	39.00
≥ 1800 ≥ 1500	70.0	98.7	90.3	99.3	97.	99.3	99.3	,0,3 ~9.5	34.3	09.5	99.7	39.7	99.7	,	29.7	99.7
≥ 1200 ≥ 1000	**************************************	99.7 78.7	99.3	49.3	90.7	9.3	99.3	79.3	30.3	79.3	59.7	99.7	7.7.7	99.7	79.7	33.7
≥ 900 ≥ 600	20.5	58.7 71.7	99.3	99.3	99.3	9.5	99.3	79.3	79.3	99.3	99.7 99.7	39.7	20.7	97.1	99.7 39.7	70.7
≥ 700 ≥ 600	76.0	98.7 28.7	99.3	94.3	99.3	79.3	99.3	27.3	99.3	39.3	90.7	99.7	95.7	29.7	99.7	79.7
≥ 500 ≥ 400	70.	78.7 38.7	39.3	99.3	97.7	9.7	99.7	99.7	99.7	99.7	100.0	100.0	170.0	100.0	150.0 150.2	تعنت
≥ 300 ≥ 200	70.0	43.7	90.3	79.3	99.7	79.7	99.7	39.7	99.7	99.7		100.0	100.0	100.0	100.0	1 :3.4
≥ 100 ≥ 0	70.5 70.5	75.7 20.7	99.3	\$9.3		29.7	99.7	34.7 39.7	99.7					190.0		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (\$T	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING	•	13.7	74.5	7:00	75.7	75.0	75.3	"	75,07	75.5	71.5		7 . 3	75.3	75.4	71. qu
≥ 20000	•	77.1	7 . 9	• 4		€ 6		-0.5	5.05		35.7		. 7	~~~	_ <u></u>	
≥ 18000 ≥ 16000	4	79.4	5 • 7 4 * • 3	90.8	9 . A	. C • 9	55.9 65.9	ંૈ∗ં વે∀•9	%	90.5 51.0	93.5 *1.0		1.7	-1.	-1.0	41.
≥ 14000 ≥ 12000	.1.	40.4 :1.4	81.1	31.6	21.8		81.5 43.3	3.3		₹1.00 33.00	31.9		1.9	11.4	32.0	•
<u> </u>		3.4	35	34.3	65 • T	5.	<u> </u>	***	2 4 6		2 3 • 5 2 5 • 1	5.1	94.1	38.1		
≥ 10000 ≥ 9000		3.3	34.5	35.0	86.0	5.3	35.T	75.3			55.3	2	_ 1	75.3		•
		5.1	3 5 9	86.3	35.5		34.7	7	3.6	36.7			31.7		5 6 . P	
≥ 8000 ≥ 7000	· · · · ·	75.	8 . 6	67.1	57.4	>7 4	77.5	27	7.5	97	87.6		7.8	0.€. • v.	×7.7	, ,
	5.1	. 6. 3	87.0	×7.6	77.3	3.7	[4.7	4.1	1	7 + 1	5 1		1	3 ~	. 0 . 7	
≥ 6000 ≥ 5000	36	38	5 9		59.A	89.9	9.3 (. 1	20.3	03.4	30.8	-0.3	30.8		97.3	•
≥ 4500	57.	67.1	89.9	7	QUI. R	•3.9	91.0	1.1		71.1	91.2	1.2	11.2	-1.5	*1.	::.
≥ 4000	65 / • \$	70.00	91.7	02.1	92.4		0.7	2.7	67.7	73.7	27.5	97.0		G	97.5	4
≥ 3500	• 1	42.5	93.5	तक • ः	94.	4.4	94.5	> Q	94.6	94.7	9 h 0	-4.3		-4.	C 14 . 5	90.40
≥ 3000	77.7	45.1	94.0	76 . 3	97.		67.3	7.4	37.4		57.		~7.5	77.5	<u> </u>	1.70
≥ 2500	7 5 € 7	75.4	90.00	77.6	97.9		90.1	• 3	?⊹.3	99.3	35.4		57.4	75.44	98.5	C 2.*
≥ 2000		12.04		33.3	٠, و د	18.4	95.7	<u> </u>	79.0	95.0		00.		9.	. <u></u>	. V: •
≥ 1800	~1.	71.09	77.4	1 -1	06.6	-3 • 7	C. N M	78.5	-			30.		200	99.1	26 . t
≥ 1500	71.	The	97.4		79.	79.1	97.2	10.3		35.8		7907			4.7.4.2	. % D.±1
≥ 1200	11.	240	97.8	1 1	77.	29.1	39.3	0.4		1		-			20.6	
≥ 1000	110	36.4	97.9		90.1	3.4	330 7					+		3.00	70.7	L25•2
≥ 900	11.1	36.4	97.9	1 77	39.7	9.3	30.4									93.7
≥ 800	71.	46.4	97.9	78.4	66.3	79.3	57.4								- 5 7 . 7	لعة ثــــــــــــــــــــــــــــــــــــ
≥ 700 ≥ 600	1.0	26.9	97.9	1 * '1	99.1	୍ବ . <u>ଏ</u>	00.4				\$4.K					95.1
	494					79.3	50.5	- 9.6							70.	يفقت
≥ 500 ≥ 400	11.5	76. 9	97.9	04.9	99.3	9.4	99.5	79.7		99.7	99.8					97.
	71.	76.5	97.9	36.9	97.	10,4	09.6			90.4					100.0	
≥ 300 ≥ 200		90.7	97.3	26.9	77.4			- P . g		1 1	90.9			100.3		
≥ 100	1.	26.	97.9	78.3	24.4									100.0		
2 0	71.0	26.4	97.0	l 1	99.4	29.5					_	1 - 1		ניממו		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	2 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	77.5	21.0	91.4	ા . લ 73 . ૧	71.7	71.6	91.0	11.6 27.3	93.5	93	71.6 95.9	71.5	11.5 27.9	C 2 . e.	31.6 33.9	
≥ 18000 ≥ 16000	5 ± • 1 7 • • 1	03.9 03.9	93.9	93.7	91.3	03.9	93.9	03.9 93.9	97.7	93.9	9 ; . u	93.7 22.2	; ₹.0 5:.9	73.4	23.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
≥ 14000 ≥ 12000	17. U • 1	.4.	94.4	74.3	74 . 7 75	ંધુ, વ <u>~5 • ∄</u>	94.9	74.5	94.8 75.7	94.3 93.2	04.G	94.8 55.2	34.9	94.5 25.5	54.A	د . په ع نمتند
≥ 10000 ≥ 9000	1.	(95.3	96.3	76.4	96.8	96.6 96.8		96.0	20.5	96.7 96.8	96.9 56.8	94.3	96.6	56.00 36.05	06.05 -500
≥ 8000 ≥ 7000	7.3	57.4	97.4	57.4	97.4	97.4 <u>-27.4</u>	97.4 77.4	27.4 27.4	97.4	27.04	47.4	97.4	37.4	97.4 37.4		97.4
≥ 4000 ≥ 5000		7.1	97.7	97.7	37.4	77.4 57.7	97.7	47.7	47.7	27.7	97.7	57.4 57.7	57.7	37.4	97.4	۱۰،۲۶ تع <u>تت</u>
≥ 4500 ≥ 4000	2.5	0 y . 1	93.7	98.7	98.7	78.7	99.7	98.7	98.7 93.7		99.7	98.7	,2,7 20,7	76.7 58.7	78 . 7 78 . 1	7 7
≥ 3500 ≥ 3000	3	9.4	97.4 97.4	95.7 99.5 99.7	76.7 97.4	78.7 99.4	99.4	55.7 50.4	93.4 99.4	79.4	99.4	96.4	43.50	70.4	59.4	95.7
≥ 2500 ≥ 2000	3	29.7	inn.n	- 1	100.0	100.0	99.7 150.9 198.3	100.0	100.0		100.0		•	124-2	99.7 188.8 188.9	1
≥ 1800 ≥ 1500 ≥ 1200		39.1	100.0	100.0 100.0	133.0	100.0	100.0	17:00	125.2	تعنينا	11707	100.0	120.5	170.1	100.0	المعالمة
≥ 1000	* * * *	79.7	199.0	150.5	190.0	1 10 - 0	100.0		100.0		105.7	1.2.2	11.7.2	127.5	162.6 132.6	1
≥ 800	3.4	19.7	100.0	100.0	100.7	170.0	100.0	(~ · · ·)	0.7	176.0 100.5	100.5	1 <u>50.5</u> 167.5	100.5	100.0	100.0	
≥ 700 ≥ 600 ≥ 500	3.4		100.0	100.0	100.0	170.0	100.0	170.0	100.3	190.0		100.0	100.0	120.0		178.0 170.0
≥ 400 ≥ 300	3.6	69.7	130.7	110.0	100.0	100.7	120.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200 ≥ 100 ≥ 0	3.6	99.7	100.0		100.0	100.0	100.0	170.0	170.7	173.0	100.0	100.0	ם. מג ו	100.0	100.0	
≥ 0	:3.6	49.7	190.0	100.0	100.0	1 0 . 0	100.0	173.0	100.5	100.3	100.0	190.0	100.0	100.0	100 c	106.

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.04	77.	91.1	*1	91.1	1.0	91.0	-3.d	71.7	11.0	91.5	11.7		21.3	۲۱.	21.47
≥ 20000	77.1	32.9	92.9	92.4	92.9	62.9	92.9	٥,٠٩	25.3	0.2.	45.4	$\overline{}$	27.9			
≥ 18000	7.1	32.9	3.0	7.9	97.0	92.9	77.9	⇒?• 7	33.9	92.9	G. 9	97.3	07.9		i	
≥ 16000	77.9	9:.0	97.3	92.9	22.9	>2.3	92.9	72.0	77.9			42.3	3, 3			
≥ 14000	7.	?*•	92.4	¥3.6	93.6	13.4	¥3.6	3.4	93.6	93.6	1	94.6	23.4		73.A	
≥ 12000	76.1	23.4	97.4	93.9	91.9	43.7	77.7	53.4	33.7	\$ 5.7	6.0		07,9			
≥ 10000 ≥ 9000	70.7	95.3	95.0	95.8	25.9	75.9	95.3	. e . ?	35.00	95.45	\$ 5 a 3	9.03	C 5 . 9			1 - 1
		36.3	95.7	95.4	35.5	95.3	95.8	35.9	95.4	45.A		95.03	37.9			
≥ 8000 ≥ 7000		200	90.5	50.5	66.0	26.5	98.3		96.5 96.5	95.4		1 1	96.5 95.5	-	36.5	5.6.4.7
	•	, to e	46.		95.5	6.5	V6.5	35.5	36.4	94.	96.3		7 10	96.5	96.5	0 K • 5
≥ 6000 ≥ 5000		06.4	96.4	96.8	96.8	6.3	96.A	76.8	98.9	96.3		G 6 3	75.8		96.5	
	7.	72.1	93.1	95.1	98.1	8.1	V= 1	24.1	76.1	98.1	99.1		2 4 3	65.1	19.1	-
≥ 4500 ≥ 4000	1.5	48	92.7	72.7	09.7	78 7	97.7	23.7	93.7	94.7	9 . 7	30.7	45.7			• •
≥ 3500	1.1	19.7	47.0	59.0	99.0	~9.0	90.0	47.7	39.7	94.	40.	69.3	76.7	99.7		
≥ 3000	1.4	79.7	99.4		99.4	79.4	99.4	79.4	79.4	99.4	62.4	99.4	99.4	20.4	99.4	59.4
≥ 2500	1.4	39.1	99.7	90.7	29.7	25.7	99.7	59.7	79.7	94.7	99.7	99.7	97.7	49.7	77.7	97.7
≥ 2000	1.4	39.4	100.0	100.d	100.7							100.0				
≥ 1800	1.05		1	100.0								100.0			100.0	100.0
≥ 1500	11.5			100-0								137.0		100.0	157.3	132.0
≥ 1200	1.6	-		100.0	1		រ១១.ជ		1		1	100.0		1"0.5	100.0	100.0
≥ 1000	2.4			100.0								12.0			1:5,3	100
≥ 900	i • :	-		100.0	1				196•4			100.0	•		195.3	
≥ 800	1.6			100.0								102.0			100.0	
≥ 700	1.0			100-0		170.5						100.3		1.73.0		177.44
≥ 600	1.6											100.0		1 0 0		
≥ 500 ≥ 400	1 • 4								1			100.0				
	105			103.0								100.0				
≥ 300 ≥ 200	1.5					- 1		-				100-0			100.0	
	1.6											100.0				
≥ 100 ≥ 0	. 1 6											100.0				

TOTAL NUMBER OF OBSERVATIONS 11

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 4 ≥ 3 ≥ 2% ≥ 2 ≥ 1% ≥ 5/14 ≥ 0 NO CEILING ≥ 20000 99**.7** 90.1 97.7 444 an.1 93.7 ≥ 18000 ≥ 16000 9 24 ¥1. 21. 41. 93. 73. 73.6 93.5 75.5 43.6 ≥ 10000 95. 95.5 3 2 . 95. 96 . ¢6. 96. 76.5 96.5 6000 5000 97. 97 97. 97. ÷7. 97. 97. 4000 97. ^ 1 · 99.7 97.7 3500 3000 39.7 99.7 99.7 :9.7|100.6|190.4|190.6|1/g.a|100.6|199.6|129.6|130.6|190.6|190.6|190.6| , j • 2500 2000 <u>190. ding. ding. diko. dino. </u> 99.7100.0100.0100.01100.0100.01100.01100.0100.0100.0100.011 v 1 . 1800 1500 99. Jion. olice. . 1 . ≥ 1200 0 <u>1</u> . va - 4100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100-04100 900 800 <u> 29 - 1105 - 1100 - 11</u> ** • 7100 • 6100 • 6100 • 61 ° 0 • 6100 • 6100 • 6100 • 6100 • 6100 • 6100 • 6100 • 6100 • 6100 • 6100 • 6100 • 71. 700 600 <u>se sala non al por al por al por al por al por al por al por al por al por al por al por al por al por al por</u> es du la contra de contra cont 21. <u>≯</u> <u> 99. 1160. 1169. 0109. 0109. 0109. 0159. 0159. 0109. 0109. 0109. 0109. 0109. 0109. 0109. 0109. 0109. 0109. 01</u> -1. e rege en sigo en go no ge con ge con lo con lo con go con go con go con go con ge con granda en sigo en granda 300 200 ≥ 99. 7193. Clade 7190. Al 30. Al Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae Ol Cae a de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de ca de

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 C

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 14	≥ 1	2 %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.4	26.1	45.	46.8	86.5	16.4	86.3	96.8	16.8	86.5	86.8	86.A	56.8	96.6	86.9	2 f . i
≥ 20000	1.6	73.1	91.7	\$1.3	\$1.1	~1.3	91.3	1.5	61.3	4103	71.4	91.5	71.3	-1.3	91.3	31.7
≥ 18000 ≥ 16000	1.4	90.7	91.7	91.3	91.3	61.3	91.3	71.3	91.7	71.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 14000	13.4	91.9	91.9	22.5	9.7	72.3	92.3	72.3	52.3	92.3	92.5	97.5	(7 . 3	92.3	\$? . S	92.3
≥ 12000	2 . 1	21.0	91.9	92.3	97.3	72.3	92.3	22.3	92.3	- " - "	97.3	92.3	\$2.3		92.3	62.7
≥ 10000	.3.0	73.2	23.6	93.9	9.1.9	73.7	93.9	73.9	93.7	\$3.9	93.9	93.9	93.9		93.9	93.4
≥ 9000	- 4	33.6	93.9	94.7	74.2	44.5	94.2	74.2	94.2	94.2	54.2	94.2	44.2	94.2	34.2	64.7
≥ 8000	4 . 4	30.5	94.9	75.2	95.2	75.2	95.7	75.2	54.5	95.2	95.2	75.2	55.2		₹5.2	95.0
≥ 7000	140	74.7	95.2	95.5	24.5		95.5	15.5	45.5	95.5	95.5		94,5		95.5	93.5
≥ 3000 ≥ 5000	5.4	95.2	05.5		95.5	⇒5.a	95.8	05.8	75.4	95.5	1	75.8	95.8		95.8	. 1
<u> </u>	6.1	76.5	94.4	77.4	97.1	77.4	97.4	27.1 27.4	97.4	97.1	97.4	97.4	37.1	97.4	97.1	57.4
≥ 4500 ≥ 4000	~6.9	97.1	97.		97.7	77.7	97.7	27.7	97.7	97.7	97.7	97.7	67.4	97.7	97.7	67.7
≥ 3500	7 . 7	34.1	98.5	73.7	93.7	78.7	98.7	25.7	29.7	98.7	98.7	95.7	9A.7		98.7	C + . 7
≥ 3000	48.7	99.0	37.	99.7	29.7	49.7	99.7	79.7	47.7	99.7	09.7	99.7	99.7	59.7	99.7	29.7
≥ 2500	38.7	99.1	99.4	99.7	09.7	19.7	99.7	79.7	78.7	99.7	99.7	99.7	99.7	99.7	09.7	99.7
≥ 2000	89.0	39.4	79.7	100.0	130,0	100.0	100.0	100.0	100.7	100.C	100.0	130.3	125.0	1.0.0	102.0	177.0
≥ 1800	80.	09.4	99.7			10.0			100.0	160.6	100.0	100.0	100.0	ב-פחב	100.0	102.0
≥ 1500	89.7	99.4	79.7		100.0		100.0		100-0	100.0	130.0	105.0	100.0	100.3	100.0	123.0
≥ 1200	59.1	79.0		100.g					រា ១០ • ២	130.0		100-0			100.0	177•0
≥ 1000	4.3	79.4	99.7		120.0		100-1	177.0	100.0	100.0	100.0	100.0	100.0		130.0	135 e 5
≥ 900 ≥ 800	89.0	99.4		100 u		170.0	100.3	100.0		1:000	100.0	100.0			100.0	
	3 7 3	29.4	22.7	100.0		100.0	100.0	1 70 • 0	100.0	100.0	100.0	100.0			100.0	
≥ 700 ≥ 400	99.7	99.4	99.7	100.0			100.0			100.0	120.0		107.7	100-0	100.0	
≥ 500	3	99.4	99.7	100.0			100.0	123.0	103.0	100.0		100.0	100.0		100.0	
≥ 400	49.	Q . u	99.7		100 d	100.0	100.0	•		130.0		100.0		ם פס	102.0	100.0
≥ 300	AC.	₹9.4	99.7	100.0	100.3	190.0	100.0	100.0	100.0	100.0	100.0	192.0	100.0	100.0	100.0	100.D
≥ 200	35.3	99.4	99.7			7			102.3	107-0	100.0	100-0	100.0	100 C	100.0	100.0
≥ 100	39.3	59.4		10.0			100.0							200.0		1
2 0	49.0	99.4	92.7	100.0	100.0	100.0	100.0	1 (J. 0		100.3	100-0	120.0	100.0	CODD	100.0	100.0

TOTAL NUMBER OF OSSERVATIONS 11 1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING			_			_	VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	4 . 7	37.1	87.7	52.6 87.7	87.0 58.1	\2.9 89.1	82.3	22.9	A7.0	82.0	22.e	68.1	27.9	F2.1	2,5 88.1	C 2 2 3
≥ 18000 ≥ 16000	14 a 1	57.1	87.7	87.7	36.1	18.1	64.1	P3.1	48.1	Ha . 1	88.1	5 do 1	07 - 1	99.1	28.1	03.1 86.4
≥ 14000 ≥ 12000	75.5	18.1	84.7	88.7	50.7	89.7	89.0	£9.(87.3	89.7	89.7	89.3	FV.:	67.0 29.7		8 · · · ·
≥ 10000 ≥ 9000	ر با د ع	89.0	87.7	49.7	90.0 90.3	20.3 20.3		20.0 20.3	95.0	90.0		90.3	90.5	50.0 30-1	90.0	95.0 93.2
≥ 8000 ≥ 7000	76.5 76.8	76.7	91.0	91.0	21.5	91.3		71.3	91.8	91.6	51.3	91.5	91.5	71.7	91.3	91.5
≥ 4000 ≥ 5000	77.1 72.1	91.	93.2	91.6	93.6	91.9	91.9		21.9		~~~~	91.9	91.9	91.9	91.9	93.0
≥ 4500 ≥ 4000	78.7	93.2	93.9		94.2	54.2		96.8	04.7			94.2	54.2 96.5	94	96.3	94.
≥ 3500 ≥ 3000	3.2	\$7.7	94.4	98.4	99.4	79.4	91.7	39.4	34.7	98.7	98.7	95.7	99.7	98.7	98.7	99.4
≥ 2500 ≥ 2000	4 4	29.0	99.7	1	130.0	170.0		120.5		100.0		100.0			100.0	ins.a
≥ 1800 ≥ 1500	.4 • 3 5 4 • 3	99.0	99.7	- 1			100.0	100.0		100.0		190.0		100.3	100.0	100.0
≥ 1200 ≥ 1000	4.2	99.7	99.7				100.0				100.0 100.0			1	100.C	
≥ 900 ≥ 600	:4 • 3	79.0	99.7		100.0			190.0					199.0	ני.סה ז		100.5
≥ 700 ≥ 400	7 4 . 7	99.0	99.7	99.7	100.3	ט פר ו	100.0		100.3	100.0	100.0	100.0	100.0	100.0	100.0	1 0.0
≥ 500 ≥ 400	4 • ?	99.7	99.7	99.7	100.0			100.0 100.0					•		100.0 100.0	1
≥ 300 ≥ 200	14.2	99.17	99.7		100.0 100.0			100.0			100.0	1			100.0	
≥ 100 ≥ 0	. 4 . 7	99.0	99.7	-				100.0								

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

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HENCY OF OCCUPRENCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 HOURS (L S T)

CEILING							VIS	HBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	1.7.7	79.:	77.7	79.0 97.1	77.4	79.4	79.4	79.4	77.4	_ ~ (70.4	79.4	77.4	79.4	77.4	79.5
≥ 18000 ≥ 16000	73.9	37.1 57.4	87.7	87.5	97.7	67.7	87.7	A7.7	97.7		87.7	37.7 85.1	87.7 27.1	87.7 48.1	67.7 36.1	5 7 . 4 8 .
≥ 14000 ≥ 12000	74.6	88.1	89.7	54.4 89.0	89.4	38.7	89.4	58.7 49.4	88.7	86.7	85.7	28.7	51.7	38.7 69.4		e:
≥ 10000 ≥ 9000	76.1	99.7 90.3	90.7	70.0 90.7	90.3	30.3	97.3 91.0	20.3 21.0	91.7	97.3 91.0	90.3	97.3	91.5	90.3 91.0	50.3	9,1.
≥ 8000 ≥ 7000	77.4	91.7 91.4	91.4	91.5	91.9)1.9 92.3	71.9	91.5	91.9	\$1.9 97.3	97.3	91.5	91.9	91.9	91.4	97.
≥ 6000 ≥ 5000	77.7	73.6	97.3	93.9	97.6	72.6	92.6 94.2	92.6	12.6	92.5	92.6	94.2	54.2	52.5	92.A	67.0
≥ 4500 ≥ 4000	7	94.2 97.4	94.5	94.5	94 . A	98.4	94.8	04 . B	74.F 98.4	94.5	94.3	94.8	94.4 97.4	74.8 76.4	94.9	04.
≥ 3500 ≥ 3000	2.5	98.4 99.0	99.0	99.7	99.0	99.4 1∋0.0	99.4 100.0	79.4 130.3	99.4 100.1		09.4	99.4 100.0	57.4 186.5	99.4 150.0	99.4 120.0	99.1 100.0
≥ 2500 ≥ 2000	1.2.4 12.6	44.0	99.7		102.0	100.0	100.0	100.0		100.01			1.7.6 0.001	100.0	100.0 100.0	198.1 198.1
≥ 1800 ≥ 1500	32.5	39.1	99.7		-		100.0			100.01		100.0			100.0 157.6	
≥ 1200 ≥ 1000	2.9	99.	99.7					170.0 170.0		100.01				100.0		
≥ 900 ≥ 800	2.0	99.0	99.7		100.0 100.0			100.0)	100.01 100.01				1	100.0	
≥ 700 ≥ 400	-2.5	9.0	99.7		1			100.0		100.01						-
≥ 500 ≥ 400	12.6	99.1 99.1	99.7							196.01 198.91				- 1	1	
≥ 300 ≥ 200	12.6]	99.7	99.7	ing.q	190.0	100.2	100.0	120.0	100.01	00.0	00.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	2.6 2.6	79.1	99.7							100.01						

TOTAL NUMBER OF OSSERVATIONS

310

CEILING VERSUS VISIBILITY

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURREN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 14	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	6 S	82.6	85.7	82.5	32.4 35.7	12.6 38.7	32.5 88.7	12.6 48.7	82.6 84.7	82.A 88.7	47.6 83.7	67.6 88.7	57.6 38.7		82.6 88.7	© 2 . r. ■ 8 . 7
≥ 18000 ≥ 16000	74.9 75.7	58.7	88.7	85.7	89.4	48.7	86.7	56.7 87.4	83.7 39.4	86.7	68 . T	88.7	83.7 89.4	58.7	84.7 59.4	8 A . 7
≥ 14000 ≥ 12000	10 mg	ዎር• (70•3	90.0	70.0 90.3	90.0 90.7	98.5 98.7	90.0 90.7	₹1.0 ₹0.7	70.7	90.0	90.0	90.0	20.0 20.7	90.0 90.7	90.7 95.7	12.3
≥ 10000 ≥ 9000	7a.1	93.9	93.5	97.9	93.2	93.9	93.2	93.7	93.2	93.2	97.2	93.2	53.7 93.9	73.2 93.9	93.2	93.5
≥ 8000 ≥ 7000	79.1	93.5	93.9	93.9	94.2	94.2	94.2	74 • 2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000 ≥ 5000	79.4	34.5	94.5		94.5	94.5	94.5	94.5	94.5	94.5	94.8	74.3	34.5	94.5	94.5	94.5
≥ 4500 ≥ 4000	10.	78.1	98.1	96.5	98.4		96.A	96.5 98.4	96.4	95.A 98.4	98.4	96.8	93.4	98.4	98.4	96.0
≥ 3500 ≥ 3000	77.3	98.7	99.7	98.7			99.1	29.E	69.9 69.4	99.4	90.4	99.0	95.0	99.4	40.4	99.9
≥ 2500 ≥ 2000	32,9	99.0	99.4		100.0	100.3				100.3	103.0		100.0		100.0	100.0
≥ 1800 ≥ 1500	42.9	99.1	30.4	99.7	100-0	100.0	100.0		100.0	100.C	100.0	100-0		100.0	100.0	120.0
≥ 1200 ≥ 1000	77.4	99.	99.4	79.7	100.0	100.0		100.0	100.0	100.0	100.0	100-0	100.0	130.0		100.0
≥ 900 ≥ 800	7.9	79.0	99.4	99.7	100.0	1:0.0	100.0		102.0	190.0	100.0		165.0	100.0	100.0	
≥ 700 ≥ 400	52.4 52.4	99.0	99.4	99.7	100.0 100.0	100.0	100.0	100.3	100.0	100.0 100.0	100.0		100.0	100.0	100.0	100.0
≥ 500 ≥ 400	62.3	99.0	99.4	79.7		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0		100.0
≥ 300 ≥ 200	42.9	99.0	97.0	99.7	100.0	100.2	200.0	100.0	198.0	100.0	105.0	100.0	100.0	100.0	100.0	100.0
≥ 100	A 2 . 4		79.4						1						100.0	

37 A1	-	~	OSSERVATIONS	_ 31	C
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 10 ≥ 6 > 5 ≥ 4 ≥ı ≥ 2% ≥ 2 ≥ 1% 21% ≥ 1 ≥ 5/16 in. 91.5 NO CEILING 90. ≥ 20000 93. 73. 93.2 93. 93.2 73.2 91.2 75.2 24.2 43.2 ≥ 18000 ≥ 16000 93.2 73.2 93.2 23.2 33.4 93.2 73.2 73.2 93.2 93.2 93.2 03.2 43.7 93.2 93.2 02./ 93.4 73.4 \$ 5. 7 . 93.4 -3.6 93.6 93.6 ≥ 14000 ≥ 12000 91.6 93.6 93.6 93. 93.9 93.9 63.9 93.9 03.0 03.0 43.9 93.9 93.0 93.9 93.4 95.2 75.2 79. 75. 93.2 25.2 95.7 05.2 ≥ 10000 ≥ 9000 94.2 95.2 95.2 95.2 95.2 79. 2 4 95.6 75.8 95. 95. 95. 96.5 65.6 -6.9 76.5 . O . 76. 76. 56.5 96.4 96.5 2000 2000 7000 96.5 95. 96.4 96.4 96.1 95.4 96.3 96.4 95.8 96.8 96.5 77.1 77.1 97.1 97.1 97.1 7 Č . ≥ 4000 5000 97.1 97.1 97.7 77.7 57.7 97.7 1. 97.7 97.7 97.7 97.7 97.7 57.7 97.7 97.7 98.1 79. 79.1 1. 95.1 93.1 CA. 1 38.1 95.1 98.1 98.1 98.1 98.1 98. 4500 4000 98.1 ... 90.4 98.4 73.0 30.4 78.4 48.4 94.4 93.4 58.4 70. 99.1 99. 29.0 \$9.0 99.0 49.0 99.7 <u>≥</u> 90.4 49.4 99.4 99.4 : 1 · ٠٤. 79.4 99.4 39.4 79.4 93.4 99.4 c9.7 99.7 09.7 99.7 < 9.7 ¢9.7 99.7 99.7 99.7 99.7 79.7 99.7 ≥ 2500 2000 · 1 • |lac.dipo.dinn.dipa.dipo.dico.dian.dipo.dico.dico.dipo.dipn.dipo.di ≥ 1500 1200 ≥ ? • · dias · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · diaa · 900 andion discontinuity of the discontinuity of the discontinuity - 20. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 4100. 700 400 99. 0109. 0109. 0109. 01 00. 0109. 01 00. 0109. 500 400 :1.

TOTAL	NUMBER	0	OBSERVATIONS		317

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING		-	_				VIS	SIBILITY (ST	ATUTE MIL	.ES)	_					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	77.5	366 S	35.4 90.4	36.5 90.1	86.9 20.7	76.5	86.9 90.7	76.5 96.7	20.5	76 . 5	54.5 90.7	85.3 95.7	35.5	55.5 55.7	36.5 93.7	36.7
≥ 18000 ≥ 16000	75	70.4 70.4	90.1 91.9	93.7	- 1	70.a	90.8	50 . 8	90.3 91.0	90.5	97.8 0.12	90.3	or a	97.8	90.8 91.0	
≥ 14000 ≥ 12000	70.0	91.1	91.9	92.6	91.7	\$1.7 92.1	91.7	22.1	91.7	01.7	91.7 97.1	92.1	91.7	91.7 92.1	91.7	91.7
≥ 10000 ≥ 9000	- 3.0 -0.0	73.7 73.9	97.8	93.5	93.4	93.6 93.9	73.5 93.9	13.6 57.9	9.50 95.9	93.6	93.6	93.6	97.6	1 -1	93.4	93.6
≥ 9000 ≥ 7000	10!	74.4	94.4	****		94.8 *5.0	94.6 95.0	94.8 95.0	94.8 25.5	25.	94.4 95.7	94.8 <u> </u>	94.A	94.5	94.8 35.43	94.9
≥ 6000 ≥ 5000	20	94.1	95.1	93.2	26.1	5.1 76.1	95.3 96.1	95.3	95.3 26.1	35.1 26.1	95.3	95.3 96.1	95.3 95.1	05.3 06.1	75.3	95. 95.1
≥ 4500 ≥ 4000	32.5	96.8	96.4	96.9	78.3	98.3	79.3	97.0	97.0	97.3 96.3	97.0	97.0		98.3	57. °	
≥ 3500 ≥ 3000		99.0	99.5		99.5	99.0	99.5	79.5	79.5			99.5	39.5		99.0	c 9
≥ 2500 ≥ 2000	4 . 4	79.3	99.6	99.9	100.0			150.0		99.5 100.5	100.0	100.0	153.0	122.0	90.8	
≥ 1800 ≥ 1500	4 .]	9	99.9	99.9	700°0 100°0	100.0	100.0	100.0	152.5	100.0 100.0	iac.c	120.0	100.0	150.0	100.0 105.0	122.3
≥ 1200 ≥ 1000	4 . 7	99.3	99.8	99,9	100.5	100.0	100.0	170.5	130.3	120-0	120.2	166.0	IDC.	100.0	100.0	15440
≥ 900 ≥ 800	14.1	79.	99.7	59.9	100.0	1 (0.3		100.0	100.5	100 0		125.0	125.0	100.3		122.5
≥ 700 ≥ 400	- 4 . 1 - 4 . 1	99.3	99.8	99.9	100.0	100.0	160.0	170.7	110.0	120.0	196.5	190-0	105.0		103.5	تعقتا
≥ 500 ≥ 400	. 4 4 6 7 . 6 6 1	99.3	99.3	99.9	100.0	100.2	100.0		100.0	173.0	150 - 0	100.0	102.0	1 20 .0		120.6
≥ 300 ≥ 200	4.7	79.3	97.4	99.9	100.0	100.0	100.0		126.3	100.0	100.0	100.0	100.0	166.0		100.0
≥ 100 ≥ 0	74.7	39.1	90.4		100.1						1					

u	MILMARR	OF DESERVATIONS	24 21

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 5 ≥ 4 ≥ 1 ≥ 2% ≥ 2 ≥ 1% ≥ 1% ≥ 1 ≥ 5/16 45.0 NO CEILING 94, 95. 95. . . 95. ≥ 20000 96. 75. 96.7 77 -96. 96 96 96. 96.1 75 . 76.7 94. 96. 16.7 96. 36.7 ≥ 18000 ≥ 16000 46.7 96. 96.7 96 . 96.7 96.7 96.7 96-1 96.7 78 . 97.3 77.3 97. ≥ 14000 ≥ 12000 37. 97.3 97. 97. 98.7 08.7 93.7 76. 78.7 98. 78 4. 98.7 08.7 93. 98.7 33. ≥ 10000 ≥ 9000 78, 95. 08.7 95.7 93. 99.7 78. 99. 97, 90 ∨9.ე ≥ 8000 ≥ 7000 99.0 79.0 98. 97. 49.7 99. 79. :9.0 99 99. 29. 70. 60.4 98. 99.3 99. ٠. 99.7 49.3 49.7 90. 99.3 6000 5000 ??. 19.3 49 1 97.3 99. 29.7 99.3 98. 99.3 00. 99.3 99.3 ≥ 4500 ≥ 4000 100.4100.d170.d <u>190. d160. d190. d190. d</u> 99. 1180. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d100. d10 <u>≥</u> 3500 3000 99. 100. dico. dico. dico. dico. di co. di co. dico. dico. dico. di co. di co. di co. di co. di co. di co. di ender of the confirmation ≥ 2500 ≥ 2000 29. 1100. d100. d100. d100. d100. d100. d100. d100. d100. d1 cc. d1 as transdrep droudra and condrate dras dransdras dras dras dras dras dras dras 1800 1500 99. 103. diba. dib 1200 1000 ee. itan. dina. diao. di ao. di ao. di ao. di ao. di ao. di ao. di ao. di ao. di ao. di ao. di ao. di ao. di a ze di de calco di co di co di co di co di co di co di co di co di co di co di co di co di co di co di co di co **. 1105. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100. 0100 ee. 1100. d100. d100. d100. d100. d100. d100. d100. d100. d160. d160. d160. d <u>trupontron di anotino ali no ali no ali no ali no ali no ali no ali no ali no ali no ali no ali no ali no ali no</u> 300 200 ne di 100 di 100 di 100 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di 20 di ion dico dino di madioc di co di co di co di co di co di co di ne di co di co di co di co di co. <u>alian alian alian alian alian alia</u>

CEILING VERSUS VISIBILITY

STATION STATION HAND TEAMS

DEDCENTAGE EDECLIENCY OF OCCUPANCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			•				VIS	HBILITY (ST	ATUTE MIL	.ES)		_				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	7	93.7	95.7	75.7	23.7 25.7	93.7	93.7	.8.9 05.7	ुर्• च बद्	93.7	93.7	95.7	95.7	93.7		
≥ 18000 ≥ 16000	70.3	25.	95 75	95.7	95.7	95.7	95.7	95.7 95.7	95.7	95.7	95.7	73.7	(C , 7	45.7	95.7	775.
≥ 14000 ≥ 12000	77.	96.0	94.3	76.3	95.1	55.3	96.3	90.3	96.7	76.3	96.3	94.3	26.3	96.3		
≥ 10000 ≥ 9000	С. С.	07.	98.7	98.0	95.0	98.0	98.0	78.0	98.0	98.0	49.7 98.7	38.0	4°.0	63.7	98.0	00.
≥ 8000 ≥ 7000		98.0	94.1	96.3	93.	28.3	98.3	98.3	98.3	98.3	98.3	72.3	95.3 95.3	78.3		η q .
≥ 6000 ≥ 5000	11.1	78.	99.7	98.7	99.7	78.7	99.7	08.7	98.7		98.7	93.7	49.7	98.7	98.7	
≥ 4500 ≥ 4000	1.7	28.	99.7	99.0	99.7	99.7	99.0	99.7	99.7	1	99.7	99.7	99.7	09.7	49.0	>0.
≥ 3500 ≥ 3000	1.7	_		100.0	100.7	170.0	-			100.0 100.0	ich.c		1	!	100.0	100. 100.
≥ 2500 ≥ 2000	1.7	•	1	100.0						190.0 190.0						
≥ 1800 ≥ 1500	1.1.7	79.		100.0			100.0			100.0	1			1	107.0 166.0	1
≥ 1200 ≥ 1000	1.7			100.0												
≥ 900 ≥ 800	1.7		4	100.0					_) !	_			100.2		
≥ 700 ≥ 400	51.7 -1.7		1	100.0					-	100.0		- 1				
≥ 500 ≥ 400	1.7		1	100.0					1							-
≥ 300 ≥ 200	1.7		1	100.0				-								
≥ 100 ≥ 0	1.7			100.0 100.0												

CEILING VERSUS VISIBILITY

TATION STATION MALE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7 7 NOUBS (L S T)

CEILING							VI	HBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	78. 79.	9.5	Q 1 . 1	93.7	90.7	0.1 °3.7	93.1	00.7	27.7	75.7		0 . 7 0 7 . 7	27.7	27.7 23.7	i	0.0
≥ 18000 ≥ 16000	5.5	74.	24.3	94.3	94.	4 . 7	94.3	4 . 3	94.5	74.3	64.5	24.3	94.3	34.3	94.3	
≥ 14000 ≥ 12000	t.	7.	27.3	95.3 \$7.3	95 a 3	5.5	V5.2	95.3	95.7	95.5	95.3 97.3	97.3	27.8	35.5		7.7
≥ 10000 ≥ 9000	.5.	77.	97.1	ç 7 . 1	77.7	7.7	67.7	27.7	37.7	97.7	97.7	37.7	77.7	67.7 57.7		67.7
≥ 8000 ≥ 7000	3 3 .	5 E	94.7	31.3	93.	3.3	98.5	16.3	90 1	96 5 98 7	9 F . 7	91.7		16.3		
≥ 6000 ≥ 5000		19.	97.7	26.3	29.	9.3	99.3	27.7	-9-7	00.0	77	94.5	17.0	3 . .	30.	ng.
≥ 4500 ≥ 4000	0.	3.7	79.7	20.7	09.7	19.7	79.7	. 9. 7	59.7	00.7	59.7	,0,7	+	29.7	20.7	·
≥ 3500 ≥ 3000	3.	14.0.0	100.0	79.1	+	100.	99.7	09.7	29.7	170.0	30.7	39.7		70.7		
≥ 2500 ≥ 2000	7.0	100.0	100.0	155.0	100.0	170.5	190.7		1/40.7	150.0		100.0	100.0	150.0	103.0	1
≥ 1800 ≥ 1500	9.3 g		120.0	100.0	102.0	រាជិសា		100.0		100.0	100.0	107.0	107.0	100.0	107.5	
≥ 1200 ≥ 1000	, 7,	130.0	100.0	100.0 100.0	100.0		100.0	100.0	100.0	100.0		193.3	100.0	100.0	107.6	197.0
≥ 900 ≥ 800	90.	100.0	1.	160.0	100.1	100.0	100.0		107.0	102.0	167.5 168.3	100.0	100.0	, ,	100.0	170.0
≥ 700 ≥ 600	_	1	100.0		100.0	1 0.0	100.0	170.0	130.0	153.9	100.0	100.0	C	100.5	197.5	
≥ 500 ≥ 400	-	100.0	1 *** * * * *	100.0	100.0	170.0	100.0	170.7	100.n	173.7	100.0		127.0	100.0	100.0	107.0
≥ 100 ≥ 200	•	175.5	100.0	100.0		100.0	100.0	100.0	100.0	122.3	100.0		<i>(</i> -	100.5	100.0 100.0	
≥ 100 ≥ 0		1	1		100.0			100.0		100.0				103.0		

TOTAL NUMBER OF	OSSERVATIONS	320
ICINE INDINEER OF	Q2264 - M11Q140	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (SI	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000		30.	\$ 3 . 3 3 C . 7	23.7 25.1	89.7 Sect	25.1	90.7	• • •	H 1 • 7	3 7 . 7	63.7	£ 3.7	. 7	0.0	•	
≥ 18000 ≥ 16000	: . 7	75.3	96.7	90. 20.	26 ·		96.	17 Ag				16.5	y' • 7		27 . 1	
≥ 14000 ≥ 12000		45.7	95.7	96.3	95.7	- 5 . ·	96.3	70.7	7 5 7	7		96.3	· · · · · · · · · · · · · · · · · · ·		95.7	,
≥ 10000 ≥ 9000	2.1	96.	36.7	97.n	97.0	27.00 57.0	97.0	17.0	77.	27.	77. 97.	27.7		27.	57.	7.
≥ 8000 ≥ 7000	7 .	7.7	# 4 . C	78.3)4 (4	. S	0 2 2	-3.3	75.7 64.3	\$ 5 a 2	79 • 3 95 • 3	93.3	·		28.7 56.3	
≥ 6000 ≥ 5000		77.1	90.0	98.3	06.3	7/A - 3	35.7	7.5	70.3		7 4 . ? 5 4 . 1	95.3	7	, ,	98.3	
≥ 4500 ≥ 4000	3.3	37.7	95.0	35.3 95.3	75.	8	98.7	υα.3 ΘΑ. 5	54. T	26.9		9.5			70 . T	
≥ 3500 ≥ 3000	′ u	19.0	97.3	00.7	-		79.7		90.7	1		\$9.7		19.7	77.7	
≥ 2500 ≥ 2000		े प , 3	۱	100.0		170.0	100.0	100.0	1 3.7	100.0	100.0	17 (• 1 1 • i)	1	10.0	1 2 3	1
≥ 1800 ≥ 1500	is , 9	79.1	90.7		107.0	1:0.	100.0		170.0 120.0	100.0	196.5	150.5 100.0	1:	110.0 173.0	130.0	1
≥ 1200 ≥ 1000	4.3	99.3	99.7 90.7	-	1-	1.0.	100.0	11.00	159.5 168.5	103.0	150.0 130.0		107.0	10.r	130.0 100.0	
≥ 900 ≥ 800	1	79.	90.7	100.0 100.0	100.7 100.5		100.0		100.0		137.9 135.0	100.0 105.3	137.5	150.0 170.0	125.7	1
≥ 700 ≥ 600	4 .	39.3	97.7	100.0	100.0	1.0.0	100.0	1 m #	100.0	100.0	166.5 185.8	100.0 100.0	103.0 103.0	100.0 100.0	100.0	1
≥ 500 ≥ 400	4 . 1	99.	92.7	172.5 177.5	100.0	100.0	105.0	100.5	100.0	130.0	1.3.3		100.0	100.0 100.5		1
≥ 300 ≥ 200	4 .	99.1	99.7	F 1 E B	189.0	10.0	100.0	100.0	100 a	130.0	100.0	130.0			100.0	
≥ 100 ≥ 0	5 a 4	79.3	97.7	1 14.0	130.0	1 '0.5	100.0	100.0	100.5	193.9	100.0	100.0	101.0	100.0	100.0	1 70.5

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ 4,	≥ %	≥ %	≥ 5/16	≥ 14	_ ≥ 0
NO CEILING ≥ 20000	7 . 7	·-	AZ.	3	e \ • 7 >≤ • 7	-8.7 -3.7	36.	20.7	7	7	1 7	7				
≥ 18000 ≥ 16000	7		91.	77.3	7	5.7		.5.7	30.7	7: 7	25.7	15.7	7			
≥ 14000 ≥ 12000	. •	78.00	99.3	46.3	95.7	7.	96.7 97.	7	7		74.7	1.7	35.7 97.7	. 7	· t . 7	
≥ 10000 ≥ 9000	1.	.7.	97.3	7.7	27.7	77.7	;7.7 97.7	37.7	.7.7	97.7	97.7	57.7	5 * . ?	97.7	77.7	
≥ 8000 ≥ 7000	1.	17.	97.7	17.7 17.7	90.1 90.	" to a "	95.0			5 A . 7	5 × • **			50.	8) je .
≥ 6000 ≥ 5000	3.	7.7	93.	33.0 35.7	95.5	-0-3 -0-3	36.3 90.3	-3.		5 7	 	: :		(* . · ·	19 g 1	
≥ 4500 ≥ 4000		9 4 . 7 - 7 . 3	97.0	79.5	99.3 188.8	.e., ; }``∂•`	99.3 130.3	, s	1 ~ •	30.4	90.] 13]) 5 1		1 7.	00.5	
≥ 3500 ≥ 3000	. 7	3.0	90.7	74.7		110.0		1 70 0	1 •	1.70. j	107.	1		1	110°°	1
≥ 2500 ≥ 2000		39.3	99.7	30.7	197.7)	100.0	1 "" • E	1 1 1 1 • 1 1 0 1 • 2	1.0001	107.0	1 (1.) 151.e.	1	1	15 9.0 Ee22.5	
≥ 1800 ≥ 1500		79.3	99.7	93.7	1000 1100	1.0.0	190.0 170.0	1170.0	170.0	123.0 123.0	100.0	100•0 100•0)	1. ". " 11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	1 20 40 122 - 2	3 · . ·
≥ 1200 ≥ 1000	? • ? • • ?	79.3	97.7	39.7	100.0	3 75 • 0 3 70 • 0	100.0	10.0 10.0	1113.	100.1	100.3	locat	100.5	157.0 153.1	129.5 120.5	177.
≥ 900 ≥ 800	?.7	79.3	90.7	77.7	107.7	1 10.0 110.0	100.0 177.0	1 .0	167.0 170.7	120 B	100°C	135.€ 137.€€	i •1	1	100.00 100.00	17.0
≥ 700 ≥ 600		59.	92.7	114.7	103.7	1 10.5 178.0	100.7	150.0	155.6 150.7	100.0 100.0	100.0	1 120ac	1 . 7 . 5	1 50 1 15	1.71.7	1 .
≥ 500 ≥ 400	2 . /	7.3	07.7		161.00	1 · 0 • 0	130.0	100.0	100.5 100.5	100.0	100.0	100.0		170.3	100.0 195.5	100 4
≥ 300 ≥ 200	2.7	19.7	99.7		120.7 180.7	1 10.0 1 10.0	100.0	100.0	137.5 137.5	100.0	107.0 107.0	100.0 100.5	100.9 100.8	100.0		1

DIRNAVOCEANMET SMOS

1 4

CEILING VERSUS VISIBILITY

77-.>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 21/2 ≥ 2 ≥ 10 ≥ 6 ≥ 4 ≥ 3 ≥ 1% ≥ 1% ≥ 1 ≥ % ≥ % ≥ % ≥ 5/16 ≥ 0 ₹5. NO CEILING 47. â8. - 8 . 23.0 33. Ĉ. ≥ 20000 ٥ĸ. 71. ≥ 18000 ≥ 16000 26. Q.S.) to . 36 . C 46.1 V6.0 96.3 55.0 76 . 5 96 96. 97, 07 ≥ 14000 ≥ 12000 97. 97. .7. 07. 97.7 77 27 97.7 98. 98. ≥ 10000 ≥ 9000 \$7. 92. ٠A. 96. 98. 36. :7. 94. 90. 45. 8000 7000 98. 48 . v F 98 98.7 90. 0.9 ₹8.7 9.4 98. 5000 · 6 . 7 96.7 98.7 98.7 28.7 38. 4500 4000 75. 17.5 9A. <u>≥</u> 99.7 99.7 79.7 80. 29.7 79.7 09.7 99.7 99.7 99.7 99.7 99. 89.7 79.7 99.7 99.7 99.7 3500 3000 <u> 99. dian. dian. dian. di po. dian. di nu. di na. dian. di nn. di nn. di nn. di nn. di na. di na. di na. di na</u> <u>≥</u> 2500 2000 <u>100-uli 80-di 20-di > ≥ 1800 1500 <u>as discontraction di pardias alvoration di pordiscontraction al seration al contraction di particion di part</u> 1200 29. dian. nino, dino, di no, dian, gi no, gian, nico, diun, gian, giun, gian, gian, gian, gi ≥ <u>≥</u> <u>a. alan, alan, alan, alan, alan, alan, alan, alan, alan</u> 99-dipo-dipo-dipo-dipo-dipo-di ≥ searly. action of the color of 500 400 ≥ o. di co. di co. di co. di co. di co. di co. di co. di co. di co. di co. di co. di co. di co. di co. di co. di 300 200

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	MBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.	#5 ·	a 4	۹,, ۹	P4.01		54.		31.0	•. • 3	8 to 3	7.3	97.4	36.2	16.3	· 1.
≥ 20000	14.7	4 F .	97.1	55.7	75.0	<u>ن د :</u>	25.3	3		7.0	4 5 6 5	25.3	15.3	5	25.	* * *
≥ 18000 ≥ 16000	74.7	75 • 1	95.1	25.3	>5 >5	5.3	50.9 -0.1		15.1	- 5 - 5	, r . 7	95.3 95.3	75.03	25.3	36.8	* * •
≥ 14000	7.	. 5 . 7	97	57.5	27.	7.	37.	17.0	.7.	27.	67	27.0	7.	+	67.5	
≥ 12000	7	07.	97.	27.7	07.7	7.	97.7	7.7	, ,	27.7	. 7 . 7	37.7	, ,	97.7	97.7	77.
≥ 10000	7.1	95.	7 . 7	06.7	75.4		22.1		—— •	38.7	24.7	9 . 7	75.7	· · · · · ·		
≥ 9000	-7	90.1	9	9; 7	33.9	5.7	7.00				32.7	3 4 7		70.7	J0.7	
> 1000	7.1	29.		68.9	73.7	, 9 . /	73.7	7	, 1 , 7	6.7	C 10 7	7 7		78.	79.7	
≥ 8000 ≥ 7000	7.	. 0	911	07.3	,,	9 . 1	97.	, n , g	,,,		99.3			79	69	
			30.7	79.7	22.7	79.7	49.7	15	7,7	6 , 7		39.7	7.7	 -		
≥ 6000 ≥ 5000	7	76.	95.7	20.7	50.7	34.7	99 1	29 ₹	28.7	, , ,	22				1,9 7	
	70.	09.1	33.7	79.7	97.7	9.7	97.1	49.7	<u>`</u>	7	7			49.7		·
≥ 4500 ≥ 4000	7.	4.9	99.7	79.7	99.7		20.7			39.7	35 7	37.	1 24.7	79.7	00.7	
≥ 3500	7.	99.	24.7		31.7	9.7	37.7	9.7	:1.					79.7		40
≥ 3000	<u> </u>	99.1	10.1.4	177.a	100.0	170.7	100.0	120.0	1:20	173.3	133.3	1:20	10:00	1 301	100.0	ع ت ن ا
≥ 2500	7 -	03.1	100.0	100.0	100-0	1 '0.	1 ១៧.០	1:0.0	1 an•∵	105.0	100.0	150.0	11 77 . 0	100.0	100.0	1 .
≥ 2000	"。	- 9.7	រូពស.ជ	160.0	100.0	1 0 . 3	100.0	:00.0	1 . 7 . 7	12000	1.27.3	15000	1	1000.	11.0.0	1 1
≥ 1800	7 .	े ० ७ व	100.0	100.0	1 27. 7	100.0	100.0	100.0	1 ^	177.0	10 .7	រិបិលី•វៈ	100.0	100.5	1	រុ•្
≥ 1500	7,	59.1	15000	100.0	177.	1,70.0	100.0	100.0	100.3	100.0	137.5	100.0		1 20	120.0	1
≥ 1200	7:0	79.7	130 • C	150.0	102.4	i 0.0	100.0	150.0	107.7	170.0	160.0	100.0	100.0	150.7	100.0	123.
≥ 1000	7	74.7	100.0	100.0	100.0	10.0	100.0	0.00.0	100.0	170.0	190.0	139.0	137.0	100.0	102.0	126.
≥ 900	•	79.7	100.0	150.0	107.7	1:3.7	150.0	1 " " • C	10 1.0	173.3	107.0	190.0	170.2	100.0	100.0	177.
≥ 900 ≥ 800	* -	C4. 7	10- 0	100.0	11000	1 10.0	100.0	1 7.0	137.0	170.7	107.0	190.0	200.0	100.0	107.5	100.5
≥ 700	77.	99.7	100.7	1 ,(100.5	1 "4.0	100.0	1 2.2	107.0	170.0	190.0	160.0	100.0	195.0	199.0	100.
≥ 700 ≥ 600	700	99.7	100.0	100.0	100.	170.2	155.0	t -c. d	138.7	133.0	100.0	100.0	hab.n	100.0	igh.c	13:4
≥ 500	7	99.7	100.0	100.0	100.0	100.0	100.3	1 73.0	10000	170.0	100.0	100.0	100.0	100.0	100.7	100.0
≥ 400	7: •	99.7	100.7	170.0	150.7	1:0.5	100.0	100.0	103.0	100.0	100.0	125.0	129.0	100.0	105.3	200
≥ 300	7.	99.7	100.0	100.0	100.7	1 "0.0	100.0			130.0	120.7	100.0	100.0	100.0	130.5	100.
≥ 200	72.	29.7	100.7	100.0	100.0	100.0	100.7	100.0	100.7	100.0	100.0	100.0	ם. רכו	10.0	100.2	Г
≥ 100	7:07	9.7	137.0	100.0	100.0	1.0.7	100.0	130.0						100.0	100.0	203.
≥ '6	76	-			100.1	-				100.0						1

TOTAL NUMBER OF OBSERVATIONS_

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

STATION BANK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CELLING (FEET) ≥ 10 > 6 ≥ 3 ≥ 4 NO CEILING ≥ 20000 34, 96. ≥ 18000 : 6 . 46. 96.7 56.7 ≥ 16000 95. ≥ 14000 ≥ 12000 24. 97. 43. 07.7 98. 93. ≥ 10000 ≥ 9000 39.0 . 6 . 1 96. 7 - . 96. 92. 79. 75. 9. 00. 99. ≥ 8000 ≥ 7000 99. 24. 58. 95. 유학. 59 99.3 03. 9¢. 94. ົາ 🗸 . > 6000 5000 ١٩. Q 19 ≥ 4500 ≥ 4000 79. 39. 3100. 6100. 0100. 4100. 0100. 0100. 2500 2000 <u> 29 - 1102 - 0120 - 0120 - 0120 - 0120 - 01</u> <u>≥</u> 1800 1200 1000 99.4180.9100.0100.0100.0100.0100.01 99. dian.ding. dipo. di m. dica. di m. dica. dica. dinc. dinc. din 49. 100. dina. dice. dice. dice. di co. di co. di co. dice. dice. dice. di 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100. <u>99. dian-aliae alian-di no aliae alino aliae di ao aliae ali</u> 300 200 49. sign. dina. dita. di Tibe - di bu - di ba - di ba - di ba - di ba - di ba - di ba - di ba - di ba - di ba - di ba - di ba - di ba -

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 1% ≥ 114 NO CEILING 50 · 40 · N 50.4 95. 65. 93.8 ≥ 18000 95. 96 . 6 ≥ 14000 ≥ 12000 77.1 97.9 97. 97.5 91. cs. ≥ 10000 ≥ 9000 47.9 98.6 78. 93.17 48. 96. ≥ 8000 ≥ 7000 ¹²8 - 5 78.5 23.7 ≥ 6000 5000 28.0 99. 99. 79.3 79.7 99.7 99.2 99.1 4500 23.6 90.6 99.8 99.5 39.4 99.8 99.8 3500 3000 ١. <u>co-digo dico dico dico dico.</u> 99.9123.9170.0170.0170.0172.0107. 2500 2000 1. av. dina. dina. di co. dina. dina. di pa. di pa. dica. dine. d <u> ୬୬. ୩.୧୯. ପ୍ରତ୍ୟର ୧୯. ପ୍ରତ୍ୟର ୧୯. ୬୯. ୬</u>୧୯. ପ୍ରତ୍ୟର ୧୯. ୬୧୯. ଅଟେ ୧୯. 1. 1800 1500 <u>o al no al ro-olter al ne al co-digo al co-al c</u> 1200 . 1 . c.dica.dira.diao.dino.dica.dia 22. 9% - 91 : 3 - 21 na - di na - di na - oli ne - oli na - oli au - o o ilo se ila con ila con ila con il con di con di con el con il con il con el con el con el con el con el con 500 400 99, dien. dine. di ca clina olina olina olina olina olina olina olina olina oli a. ak aa. ak aa. ak aa. ak aa. ak aa. ak aa. ak aa. ak aa. ak aa. 100 chog align align at an align chica align align

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 6 ≥ 5 ≥ 3 ≥ 2% ≥ 2 ≥ 1% ≥ 1% ≥ 1 ≥ % 2 % ≥ 5/16 ≥ 0 ≥ 10 75. NO CELLING 95.3 95.4 95. ≥ 20000 46. 9ŧ. 96.8 96.3 96.8 ≥ 18000 56. 96. 96.8 96.8 96.8 96. 46.8 95.8 96.8 ≥ 14000 9645 36.8 96 96.5 94.4 94.A 64 - A ≥ 14000 ≥ 12000 97 97. 91.1 28.1 93.1 98.1 59.0 90.7 99. ≥ 10000 ≥ 9000 20. 39 . 5 99.0 97. 79.7 39.7 30.1 99.7 99 99.4 ≥ 6000 ≥ 7000 o altagadi quadi on antro a glista di se no fino fire dina dina dipa dipa dina dina dina dipa dipa dipa dine dine dine die e di ne dina dina dina dina dina dina dipa dina dina dia dia dia dia dipa di ca dipa di ≥ 4000 ≥ 5000 jiod dia nino dino di co di od diod dino di modi i o dino di co di co di co di co ≥ 4500 ≥ 4000 i pe-dion-dice-di ca-di ca-di ca-dice-di ca-di ca-di ca-di ca-di ca-di ca-di ca-di ca-di ca-di ca-di ca-di ca-130. 3100. 3100. 3100. 41. 30. 3100. 3500 3000 ≥ 2500 ≥ 2000 <u>≥</u> 1800 1500 dica dica di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di pa di p al relation di col di col di col di col di col di col di col di col di col di col di col di col di col di col d Ticol di col di col di col di col di col di col di col di col di col di col di col di col di col di col di col ≥ 1200 ≥ 1000 and contraction of the contracti ina, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas, glas <u>saligo altenacido en los el monellos el los elsos el consideración el con</u> s. Aina. ella calca di accide de la calca di cacala. Calca di cacala calca di cacala cacala cacala cacala cacal An en el cacala cacala cacala cacala cacala cacala cacala cacala cacala cacala cacala cacala cacala cacala cac and courie couries and conditional in the condition of th 300 200 <u>լ որը օրերեն որերը օրերը salasadion of the editional configuration of the edition of the ed ali de obientositentosi pat en est en est en est en en en en en en est en en entre en entre entre en entre entre

TOTAL NUMBER OF OBSERVATIONS 31

CEILING VERSUS. VISIBILITY

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ \$	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 46	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	-1.	74.7	94.5	94.8	94.8	124 . 3	94.	CA.B	Q4 . C	94.5	94.8	94.8	94.€	94.5	94.5	04.
≥ 20000	·1.9	26.7	96.1	76.5	96.5	76.5	95.5	35.5	96.	90.5	96.5	ذه با ؟	44.5	56.3	95.5	2:0
≥ 18000	1.7	75.1	96.1	95.5	24.5	96.5	76.5	76 . 5	96.5	96.5	46.5	96.5	09.5	74 . 5	96.5	~ h .
≥ 16000	1.7	96.1	95.1	93.5	46.5	96.5	96.5	26.5	96.5	96.5	95.5	46.5	36.8	95.0	96.5	
≥ 14000		76.4	96.4	67.1	97.1	.7.1	97.1	77.1	97.1	97.1	77.1	97.1	97.1	07.1	97.1	67.
≥ 12000	02.4	37.1	47.4	27.7	37.7	57.7	97.7	67.7	97.7	77.7	97.7	97.7	97.7		27.7	97.
≥ 10000	1.	97.7	99.1	94.4	76. ■	39.4	98.4	54.4	48.4	73.4	98.4	95.4	32.4	96.4	50 . H	5.4.
≥ 9000	3 • 3	97.7	98.1	94.4	30.4	98.4	98.4	يه وزع	0 4 • B	93.4	79.4	98.4	26.4	76.4	04.4	34.
≥ 8000	3.5	78.1	93.4	28.7	y9 . 7	78.7	98.7	7A.7	99.7		78.7	98.7	90.7	98.7	58.7	\$0.
≥ 7000	-3.4	46.1	93.4	98.7	9€ .7	48.7	94.7	23.7	6 3 7	96.7	Ç . 7	99.7	76.7	28.7		Çą.
≥ 6000	3.5	44.1	49.4	99.7	98.7	78 . 7	98.7	96.7	64.7	78.7	90.7		48.7		98.7	98.
≥ 5000	.4 . 7	36.7	00.0	C 9 . 4	40.4	.9.4		23.4	49.4	39.4	20.4	77.4	30.4	1000	99.0	99.
≥ 4500	-4.7	98.7	97.1	93.4	30.4	49.4	79.4	69.4	37.4	97.4	99.4	29.4	VQ.4		59.4	
≥ 4000		20.0	95.4		63.7	49.7	99.7	99.7	09.7	93.7	30.7	29.7	69.7	49.7	49.7	55.
≥ 3500	٠.٩	79.1	79.4	29.7	90.7	9.7	99.7		39.7	93.7	07.7	29.7		+ ——	99.7	50
≥ 3000	4.3	99.4	99.7	ion.	120.0	100.0	100.0	162.0	100.0	1 3.5	13500	100.0	1	173.0	100.0	nec.
≥ 2500	5 a F	99.4			100.0			100.0						1:0.0	1.0.0	1
≥ 2000	4 .	39.4	99.7	1	193.0			100.0					100.0		100.0	100.
≥ 1800	4 . 4	99.4	99.7		102.5			100.2			150.0		100.0	3 00 - 0	100.0	3 0 1 4
≥ 1500	4 . 7	33.4	99.7		107.7			100.0					107.0	11:00	102.2	1000
≥ 1200	4 . 7	79.0	99.7		107.5	1 70 - 7		100.0				100.0	1 77 - 0		100.0	100.
≥ 1000	4 9	99.4	-	, ,	100.0	ניפרו		100.0			1		700.0	1.10.1	100.0	100
≥ 900	4	79		100.0			100.0	-		173.0			7.7.0	1	100.0	1 12 D
≥ 900	4.4	99.4	•	-	100.0	110.0	1 22.0			100.3			200.0	1:0.0	100.0	1
		49.4		105.0			7 7 7 7	173.0		170.0			2012		135.3	
≥ 700 ≥ 400	4 . 8		•	100.0			166.0			100.0		100.0			100.0	
	14 6				107.0	100.0		100.0		100.3				100.1		3 77 .
≥ 500 ≥ 400	34.5		99.7		162.3	100.0	100.0			100.0		120.0	_			130.
			99.7			100.0	100.0	MARKET STATES						100.0		
≥ 300 ≥ 200		0) 4	99.7		1		100.0			100.0				P 1	100.5	
			99.7													
≥ 100 ≥ 0		_	-					175.0								
5 9	· 4 . P	99.4	44.7	IX . G a O	11.00	1 11 - 0	0.00.0	UL 3 7 . IS	1:3-7	100 - 0	135-7	100 - 01	0.07 - 6	ומ 🖈 פתיים	166-0	100

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING				<u>-</u>			VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ′₄	≥ 0
NO CEILING ≥ 20000	7.	52.0 93.6	9 % 6	93.6	97.6	72.9	97.9	72.9 23.7	97.0	92.5	97.0	93.9	97.9	1 .	- 1	- 1
≥ 18000 ≥ 16000	·7.4	94.1	94.2	94.2	97.9		24.5	74 . S	94.2 94.5	54.2	94.2	94.3	94.2	74.	94.5	- '
≥ 14000 ≥ 12000	75€.¥ 90.•1	25.3	95.7	95.8	97.1	27.4	26.1 97.4	75.1 77.4	97.4	96.1	98.1 97.4	97.5	96.1	75 . 1 07 . a	06.1 57.4	95.
≥ 10000 ≥ 9000	क ा किल्ला	9 6 • 1	94.1	98.1 25.1	78 · 1	78. 4	98.4 98.4	78.4 75.4	93.4	98.4 98.4	90.4	98.4	99.4 98.4	95.4 78.4	98.4 98.4	32.4 95.4
≥ 8000 ≥ 7000	· 5 • 7	8 . R . R	93.4	08.4 04.4	78.4 99.4	98.7	98.7	08.7	92.7	98.7	94.7	98.7 94.7	58.7	78.7	98.7	99.7 52.1
≥ 6000 ≥ 5000	1.1	78.4 79.7	97.4	99.0	99.4	98.7	92.7	94.7	C# 7	78.7	95.4	94.4	98.7	90.7 59.4	98.7 99.8	7 R . 7
≥ 4500 ≥ 4000	1.3	9.1	36.7	34.5	99.	79.4	99.4	9.4 49.4	59.4 59.4	99.4	99.4	99.4	50.4	79.4	90 . u	-
≥ 3500 ≥ 3000	21 • 3 7 k • 5	99.4	97.5	49.7	69 · F	37.4 49.7	99.7	77.4	79.4	99.4	99.4	99.4	99.	79.4	99.4 99.7	69.7
≥ 2500 ≥ 2000	1.6	२ ० . ब ८ ० . ब	79.4	99.4	77.4	79.7 29.7	99.7	29.7	79.7	93.7	99.7	99.7	99.7		\$9.7 \$9.7	79.7
≥ 1800 ≥ 1500	/1.4	79.4 70.6	97.4	99.4	79.4	99.7	99.7	97.7	99.7	94.7	99.7	99.7	59.7 99.7	59.7 09.7	99.7	99.7 29.7
≥ 1200 ≥ 1000	1.4	19.6	39.4	99.4	99.4	9.7	99.7 190.0	, • .	99.7 100.2	99.7	7.7 100.0	99.7	90.7 100.0		99.7 100.0	99.7 170.0
≥ 900 ≥ 800	71.6	0 0 . u	99.4	99.4	99.4		100.0 100.0	"[150.0				1	100.0	
≥ 700 ≥ 400	-1.4 -1.5	29.4 29.4	79.4	99.4	99.4			100.0 100.0		100.0		100.0		100.0 100.0	130.0	
≥ 500 ≥ 400	91.4 21.6	59.4	97.4	70.4 99.4	99.4		100.0			100.0				m 1	100.0 100.0	
≥ 300 ≥ 200	91.6	09.4	77.8	99.4	99.4	59.7		100.0		100.0		00.0		100 n	150.0 100.0	
≥ 100 ≥ 0	71.6 /1.6	, , ,	99.4	99.4	99.4		100.0	1 110.0	100.0	100.0	100.0	0.00	100.0			

TOTAL NUMBER	OF	OBSERVATIONS	

 C_t

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		•					VIS	IBILITY (ST	ATUTE MIL	ES)	•					
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ′₀	≥ 0
NO CEILING ≥ 20000	. 7 . 7	95.8	91.5	75.9	93.9	\$3.0 56.5	94.9	73.9 95.5	23.9 96.5	95.9	95.5	96.5	97.0	03.9 96.5	97.0	73.6 76.5
≥ 18000 ≥ 16000	. 4	95.8 55.8	94.5	56.5	55.5 05.5	36.5	96.5	96.5	96.5 36.5	96.5	96.5	96.5	25.5	96 • 5 96 • 5	96.5	95.5
≥ 14000 ≥ 12000	5.4	47.1	97.1	97.1	97.1	57.1 27.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	37.1	97.1	77.1 97.7
≥ 10000 ≥ 9000	6.1	98.4 98.4	20.7	09.0	99.0	79.0	99.0	99.0	79.7	99.0	99.0	99.1	09.1	39.	99.7	
≥ 8000 ≥ 7000	6.9	75.4	99.	99.0	97.	39.0	99.0	09.0		99.0	99.0	99.3		39.7	39.	79.
≥ 6000 ≥ 5000	7.1	58.4 98.7	97.4	99.0	97.7	79.4	99.0	54.0	30.0	99.0	99.D	59.0				
≥ 4500 ≥ 4000	7 . 4	79.0	96.6		99.4	9.4	99.4		33.4	93.4		99.4	20.8	75.4	<u> </u>	30.4
≥ 3500 ≥ 3000	3 6 4	70.4	100.0	130.0	100.0	1 "D . C	190.0	2 77.5	100.0	100.0	130.0 100.2	1:0.0			150.8	
≥ 2500 ≥ 2000	7.4	99.5	100.0	100.0	100.0	170.0	100.0	170.0	100.7	173.0	1:0.0 100.0	143.0	100.0	2 - 2 - 2 - 2	100.0	150.0
≥ 1800 ≥ 1500	7.4	79.7	130.5 103.6	100.0	100.0	100.0		100.0	160.2	100.0	100.0	100.0		100.0	100.0	
≥ 1200 ≥ 1000	7.4		100.0	160.7	100.7		100.0	170.0	100.0		1000		170.0		100.0	100.0
≥ 900 ≥ 800	7.4		100.0					100.0			₋ -	199.3 199.3			100.0	
≥ 700 ≥ 600	7.4	99.5	100.0	135.3	100.0	100.0	100.0	100°C	100.5	100.0	100.0	106.0			100.0	
≥ 500 ≥ 400	7.4	99.0	100.0	100.0	100.0	150.0	100.0	מ-מרג	100.7	10G.G	100.0	100.5	100.0	100.0	100.0	170.0
≥ 300 ≥ 200	7.4		100.0			i co.c	100.0	190.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0
≥ 100 ≥ 0	7.4		100.0			- 4						,				

AL MUMBER	06	OBSERVATIONS	111

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

27110 6.4.87, 24

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) 71. NO CEILING 91. 7;. 0!. .1. 91.3 .1.3 91.3 ≥ 20000 25.2 95 15. 94. 75.8 ≥ 18000 ≥ 16000 95. 95.8 75. 95. 55. 16. ិ 6 • 34. 96.8 ≥ 14000 ≥ 12000 36.6 35.0 97. 95.4 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 4500 4000 3500 3000 ≥ 2500 ≥ 2000 <u>se dino albu alba di sa chan di ca chi</u> 1800 49. 4100. 4130. 4130. 4100. 4100. 4100. 41 |||1460-6100-9130-||1-19-6130-6130-9130-9130-9130-9130-9130-9130-91-9 1200 ee. 1120. dina. dina. di 20. di 20. di 99-7100-7170-d100-d170-d150-d170-d100-900 หรือที่เปลือนเกียวอยู่ เปลือน เป็น เกียบ เป็น เกียบ เป็น เกียบ เกียบ เกียบ เกียบ เกียบ เป็น เกียบ เป็น เกียบ เป็น 700 600 .0. 71 70. 01 00. 01 70. 21 50. 61 <u> 19-jiou-dina-dina-dina-dina-din-e-di</u> 500 400 <u>se di activita di</u> <u> २९ - ११ ७८ - ५१ ६७ - ५१ ६७ - ५१ ६७ - ५१ ६७ - ५१ ५७ - ५१ ५७ - ५१ ५७ - ५१ ५७ - ५१ ५७ - ५१ ५० - ५१ ५० - ५१ ५० -</u> 99.7120.71.00.01 and a contact of the contraction

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	71.3	91.	91.7	(1.)	91.3	7 4 . E	71.5 94.5	74.5	91.2 04.6	94.0	94.2	/1.7 94.3	/1 • 3	21.3	61.3 04.0	, <u>,</u>
≥ 18000 ≥ 16000	71.	54.9	34.5	74.5	74.5	90.8	94.9	74.P	G 4 . A	94.5	91.0	94.5	74.6	. 4 . 5	C4.5	
≥ 14000 ≥ 12000	- 104	26.4	94.3	54.9	25.7	15.0	95.2	1 . 2	25.5	45.2	28.5	×5.2	15.2	25	75.	•
≥ 10000	7 4 . 7	97.4	97.4	57.B	27.7	7.7	97.7	37.7	77.7	76.1 47.7	97.7	97.7	07.7		57.7	
≥ 9000	74.7	79.1	97.7	90.1	33.4		34.6	1	79.4	09.4	_	50.4		1		
≥ 7000 ≥ 6000	14.7	39.4	99.4	79.4	27.7		99.7	79.7	49.7	99.7	79.7	10.7	<u> </u>			
≥ 5000 ≥ 4500		99.4	97.4	79.4 49.4	99.7	9.7	99.7	29.7	99.7	99.7	95.7	94.7		29.7		
≥ 4000 ≥ 3500	74.4	79.1	97.4	79.7	99.7	170.0	99.7	1 13.0	35.7 100.0	100.0		43.7 1.5.0		20.7	70.7	1
≥ 3000 ≥ 2500	7.5)q.7	99.7	74.7		170.0	100.F	170.0	171.7	17000	100.5	101.5	1 7.5	1 * C • 1	1.7.	
≥ 2000	-	39.9	20.7	59.7		0.5	100.0	100.7	100.0	103.0	177.5	100.0	2.00	1 25 2		11.
≥ 1800 ≥ 1500	75	79.7	90.7	29.7	177.3	173.3	107.0	110.0	100.5	130.0	3.71	133.	1 - 1 - 1	22.		10.
≥ 1200 ≥ 1000	~ > · T	09.7	20.7	29.7	130.1	170.0	130.0	1	1 - 2 - 4	170.0	100.0	17.	13.0	1 2 (1 o t	110.2	1
≥ 900 ≥ 800	5.7	94.7 59.7	99.7	99.7	163.0	1 70.3	100.0	1-0.0	100.0	170.0 176.0	100.0	100.1 100.1	1 ^ • • •	1.00	د•7نا ئعلاما	: ::::::::::::::::::::::::::::::::::::
≥ 700 ≥ 400	75.1 75.1	· \$. 7	99.7	\$ 7.7	100.5 170.5	1	100.0			107.6	100.0	190.0 190.0	100.0		167.5 167.0	1 : .
≥ 500 ≥ 400	75.7	09.7	37.7 95.7	99.7	100.0 100.0	1 5.7	100.0 100.0			198.3 198.3	100.7	100.0 100.0	130.0 100.0	100.3	100.0	170.
≥ 300 ≥ 200	75.1	79.7	95.7	09.7		1 10.0	100.0		100.5 100.0	100.0	100.0	• • •			100.8	•
≥ 100 ≥ 0	7	99.7	99.7	77.7	170.0	100.0	100.0		100.0	-	,			100.0	100.7	100.

OTAL	NUMBER	OF 0	BSERVATION	45	1.1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						_	VIS	isility (ST	ATUTE MIL	.ES)						-
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	7.1		91.5	91.9	71.A	/1 . e	94.3	71.£	71.5 54.0	41.5 94.3	94.5	:] • 6 6 4 • 3	44.0	1	V1.5	
≥ 18000 ≥ 16000	77.1	94.	74.5	2# - 5		: 4 . 3	94.3	12 m ps	5 N . 6	94.6 94.8	94.6	94.8 94.5	74.9	GB	94.3	5.0
≥ 14000 ≥ 12000	7	95. 76.	95.8	95.43 95.4	91.4 96.8	95. s	96.3	45.4 16.6	95.5 96.3	35.4 90.5	46.8	95.0 95.3	-	95	96.5	· .
≥ 10000 ≥ 9000	2. • 1	ς ξ • . • ψ •	90.9	98.4 98.€	30.4	7€.4 79.0	98.4	7.4 77.0	37.4	98.4 99.	34.4 90.0	90.4	59.4 59.0	90	58.4 99.	y * . 4
≥ 8000 ≥ 7000	1.	99.	90.4	71.4 94.4		.0.4	90.u	\$0.4	7 5.4	77.4	99.4	99.4 99.4	99.4 99.4	67.4	-	99.1
≥ 6000 ≥ 5000	1.1	0.00	90.7	79.4	1	39.4 59.7	99.4		99.7	99.4 99.7	0 .	99.4	77.4	49.4	99.4	19.5
≥ 4500 ≥ 4000	1.5	40.	115°-5 116°-6		198.5 108.5		190.0 150.0	1	-	107.6 177.8		107.0 107.0			130.3 180.3	1
≥ 3500 ≥ 3000	1.6	, q	100.6 102.6		130.5 130.0		190.9 190.8	1 10 . 9	,	170.0 175.5	130.8 100.8	105.7 105.0	105.5 115.0	175.2 196.3	:00.1 160.3), r
≥ 2500 ≥ 2000	1.4	79.	100.0	100.5	100.0		167.0 109.8		1 /n.) 107.0	110.0 175.2	100•0 100•0	100.5 153.5	100.0	109.8 153.2	199.9 1 <u>00.7</u>	10 ·
≥ 1800 ≥ 1500	11.4	39.		166.0	150.0			100.0			109.8 195.8	120.3 188.5	1 ~ u.) • ^	1 :3.0	173.7 112.2	177. 173.I
≥ 1200 ≥ 1000	1.6	79.1	125.1 127.0	100.0	100.0		100.0 100.0		1	150.0 180.5	105.9 130.0	100.3 160.3	160.9 160.0	110.0 150.5	00.00 100.0	171.1 171.1
≥ 900 ≥ 600	1.6	65.1	100.0	100.0	100.0	100.0		10%.0	100.5 105.5	100.0		100-0 100-0			199.9	177.
≥ 700 ≥ 600	1.5	99.	100.0	100.0	107.0	1 10.0	100.	1 :	<u>) ທຸດ</u>	100.5 100.5		100.5 155.5			100.3	175.
≥ 500 ≥ 400	11.5	79.	100.0	100.0	100.0	1 10.0	100.0		100.2	103.0		173.8	wo.c	100.7	130.3 100.7	
≥ 300 ≥ 200	31.6 :1.4	79.1	100.0 100.0	100.0	1000	175.0	100.0	100.0	100.0	160.0	160.0	100.0	100.0	100.0		
≥ 100 ≥ 0	1.6		130.0 151.0		I I	1		170.0 100.0								

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 1% ≥ 1% NO CEILING ≥ 20000 96.5 72 . E 26.5 00.5 36.5 96.5 6.5 11.5 26.5 ≥ 18000 ≥ 16000 34 . r <u>^£ • t</u> 76. Ce.5 9 f . 5 16.5 V6. 25. 96.9 96.8 ≥ 14000 ≥ 12000 97.7 7.7 \$7. 57.7 07.7 97. 97.7 ≥ 10000 ≥ 9000 96." 29. ¥ . 8000 7000 03. 6000 5000 39.7 ≥ 4500 4000 <u>5. 1.39</u>.51 30.0130.0100.0100.01.0.0100.01 <u> - . มาระวาดกะที่เจนะสโดกะที่เกตะที่เอกะที่เกต</u> 2500 2000 1800 1500 4. 41 0. . 127. 01 12 . 01 12 . 01 12 . 01 0. 1200 1000 900 800 เหมคด เป็นสาเด็มกับ เป็นของสมาชากไทย เกมการเกมค์ เลือด เป็นของไม่สาเด็มการให้ เคมาก เป็นทางการเกมค์ เกมาชากไทย เป็นทางการเกมาชากไทย เป็นสาเมลา เป็นทางการเกม 700 600 w. Plane . diag. clipa. . aliga. diag. diag. clipa. clipa. clipa. clipa. clipa. clipa. clipa. clipa. clipa. clipa. at to a diam think a ginn and to a gine a gine and out the configuration of *** 1100-0100-0100-0100-0100-0100-0100 *-3100-100-0100-0100-0100-0100-0100 Galtico Galtas estran estran entran est 300 200

TOTAL NUMBER OF OBSERVATIONS 212

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000		. 1	3.05	1	1. 3 . 1	3.4		. 4	, , , H	33.4	7 . 4	٠, ٠, ۵	. 4	17	. •	
≥ 18000		5 . 4	35.5	2,7	,c , 7	5 - 7	4 7	7	75.7	35.7	-	ا فخت ا	7	19.0	35 - 1	
≥ 16000	• •	,3.4	95. T	- *	35. 7	3.1	2500	إنعنا	<u> </u>	93.5	1:03	اتعدي	- 1		36.5	· · · · ·
≥ 14000 ≥ 12000	6 • i	27.1	94.4 97.3	· • • • •	94.5	1 17 4 4	97.4	7 . 4	46.0	27.4	ر من ا امار در	V 7	,	7.4		•
≥ 10000 ≥ 9000		•	3 . 4	, . 	56.5	18.00	98.0	75.6	7) . 1	***		25.5	72.0	* 5 • 5	7 C	•
≥ 8000	- 2 • i	10 a	12.1	7 . 1	97.7	7.7	97.3	3, 2	98.7 79.7	<u>98.47</u>	9 7	66.2			· <u>- 3 · 1</u>	
≥ 7000	••		99.1	• ?	1000	9.0	>9.7	٠,٠	37.2	200	تعتب	بثعثث	يمند	70.	9	۔ ف نے
≥ 6000 ≥ 5000	• 1	37.3	97.5	74.2	99.7 99.6	79.6	90.5	77.3	09 .7 09 . 6	35.6	45.03					
≥ 4500 > 4000	. 4	53.4	22.6	17.5	99.6		99.7	19.7	* * * *	70,7		· 3 , 7;	•	7	: 5 . 7	•
≥ 3500	* • •	19.5	99.8		97.1	59.9	99.4		37.73	95.	60.0	0 B 2				
≥ 3000		119.4	47.5	% . y		 ~~~~	120.	1						1		4
≥ 2500 ≥ 2000	7	9.14	97.8	30.0		10.3	160.0	1 10.0 105.5		1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						.l. • .l. •
≥ 1800 ≥ 1500	?	17.6	\$0.0 90.8	79.9	20.0		100.0	100.0	120.0	1 1000			100.0	1 1 1		1
≥ 1200	5.7	33.6	G y . s		00.0	: 10.5	100.0 100.0	1 0.0	1	100.1	1	101.00	1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ب فسماء د	1
≥ 1000	7.7	79.6	99.5				100.0	1 70 . 0	1000	130.0	11:5.0	107.0	1.7.7	إذفيتا	127.5	1.7.
≥ 900 ≥ 800	Y . 7	99.6	_			- '-	? ?r. :	1 10 • 0 1 10 • 0		100	1 / · · ·	190.0	1	1000	100.0	1 .
≥ 700 ≥ 600	7.7	39.6 39.6	94.8		39.4 74.0	10 10 0	1/10.0	1 - 0 - 3		100	100.0	1 (0.0)	107.0	130.6	110.0	1.
≥ 500	7 . 7	C 9 . 6	99.8	94.9	30.4	1 0.0	100.	1	17.7	100.0	100.0	157.0	1	1 00 •	1	1
≥ 400	7	09.6	97.5	99.9	99.6	100.0	100.0	100.0	11	373.7	1.7.0	1 12.5		173.7	113.	2.
≥ 300 ≥ 200	3.7	6.00			-	1 70.0	100.0	136.5	100.0	100°0	ו מר ה	100.0	1	11.7	100.	
≥ 100 ≥ 0	5.7	33.4	90.3	99.9	43.0	, 95-	100.0	170.0			100.0		10.0	77.0	137.5	1 .
1 = "	3 • f	1.0	7776	97.9	23.0	(C. ?	100.0	T 3	100.0	100.0	120.0	شوه يا بيا 2		الدو بالانا	العمالة	سعمتنا

TOTAL NUMBER OF OBSERVATIONS

13.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	TATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ %	≥ %	کان	≥ 5/16	≥ ₁,	≥ 0
NO CEILING ≥ 20000		74.0	95.	3.0	30 C	-6.1	61, 5	4.5 34.1	36.1	26. §	. a . s				••	•
≥ 18000 ≥ 16000	75.	Sep.	96.5	56.5	25.4	70.	\$5.70	15 ·	25.	34	35. 75.			1	-	•
≥ 14000 ≥ 12000	77.4		97.7	7.7	41.	- 12 + 1	2 · 1	• 1	t t	7 - 1		9 . 1	: 1			•
≥ 10000 ≥ 9000	77.7	98.4 96.4	1	25 g fs 2 : 0 4	ಳಳ.7 ೨३.7	9 . 7	20.7	7 7		2 c . 7	9 , 7 65 , 7	67	,	3.0		•
≥ 8000 ≥ 7000		″ ξ • ₹ - ω	90.0	52.7 53.1	95.0 20.4	9.5	20.5 20.6	13.4		7.04	20.4					
≥ 6000 ≥ 5000	7.7	30.	90.	77.4	77.2		i)	Ý.4	7	1.6 . t.	. ^ . u	07	- 44	• 1		
≥ 4500 ≥ 4000	7.7	79.7	60.14 94.7		l_	0.7	90.7			^ • 7·	, - •	5.7	•			•
≥ 3500 ≥ 3000	7.7		95.7 94.7	5 v . 7	197.5 197.5	1 0.0	1 10.5 155.7	100.0	i		• • • • • • • • • • • • • • • • • • • •	1				
≥ 2500 ≥ 2000	7.7	.7.7	99.7 94.7	20.7		1 0.0	160.0 168.0	170.0	1	120.0	1	100.0 100.	1	1 .	•	
≥ 1800 ≥ 1500	77.7		37.7	19.7	1 - !	1 3.7	100.0	100.00 100.00	1		100.0 100.0	1 (•)				
≥ 1200 ≥ 1000	77.7	79.7	1	34.7 69.7	'	1 10 N	100.0	1 10.5 110.5	!				11 1 • 1 1 1 1 • 1	1		
≥ 900 ≥ 800	7.7	59.7 69.7	99.7	7 7 7		1 9.0 1 90.	1 75.5	1 10 1 3.0			101. 101.0	i •				
≥ 700 ≥ 600	77.7	30.7	96.7		150.9 188.9	1.0.0 100.5	155.5	190.9 180.9	1 7.0 1 3.0	179.00 176.00	1 . 1.	157.0 159.1	111.0	117		
≥ 500 ≥ 400	7.7	95.7		20.7	100.7 100.7	1:0.7 : 75.0	100.0 100.0	1 10.5 1 30.5		100.3 169.9	1 10.0	100.0 135.9) 12.00			: . 1 .
≥ 300 ≥ 200	77.7	\$9.7	91.7	34.7	1	1 .0.5 1 0.3	137.8 160.8	1	100.0 100.0	176.0 176.7	100.1 145.0	150.6 100.0	101.0	100 e	1	
≥ 100 ≥ 0	7.7	73.7	1	• •	- 1	1 "0.5 1 0.0	1 1			10 ()	1 1k • 7	101.3	107.0		•	jl •

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 14	≥ 1%	<u>≥</u> 1	≥ %	≥ %	≥ %	≥ 5/16	≥	≥ 0
NO CEILING ≥ 20000	7.5	ن يا د ا د د	94.5	74.5	95.5	្រែ≱ 15•ដ	95.3	75.2	6	92 9:	55.7 95.1	7.07	0 T _ 2	5 0 0 0	30 38	: •
≥ 18000 ≥ 16000	5 • 1 7 • 1	76.1	91.1	98.1	56.5 76.5	5.5	96.5	76.5	20.5	96.5	26.5	50.5	9 A . E	it of	58.5 76.5	
≥ 14000 ≥ 12000	77.1	27.1	97.1	27.1	¢7.6			7.4	37.4		97.4			97.4	97,4	
≥ 10000 ≥ 9000	77.4	3.1 98.4	98.1	7:4		65.4	79.4	30 . 4	. 3 . 9	93.4		75.4	0 u	73.9	78.4	00.7
≥ 8000 ≥ 7000	7.4	48.7	97.4		76.7 93.	9.	78.7 99.5	92 .7	92.7	90.7	99.7	98.7	07 .7 ;7.0	98.7 93.1	98.7 09.0	0,01
≥ 6000 ≥ 5000	7.4	44.7	9/.7	95.7		79.	99.0	9.	49.0	30 . (5 v .)	39.0	54.J			99.0	
≥ 4500 ≥ 4000	7.4	06.7 99.4	9	90.7	49.7	9.7	99.7	39.3	55.7	90.7	99.1°	99.7	99.0 59.7	99.7	99.7	57.
≥ 3500 ≥ 3000	7.7	9.7	•			100.	100.0 100.0	100.0 105.0	195.1	100.0 100.0	100.0	105.5 105.0	100.0	100. 105.0	100.0	10. 100 •
≥ 2500 ≥ 2000	77.7	99.7	90.7 90.7	99.7		170.5 170.0	100.0	153.3	150.7	100.0	1 ១៧.១	100 · 0	: in • a	170.0 170.0	100.0	100.6
≥ 1800 ≥ 1500	7.7	99.7	99.7	99.7	170.0	1 2.0	100.0	. ,	100.n	195.0 185.8	195.0 195.0	130.0	100.5 100.5	100.0	160.0	170.0
≥ 1200 ≥ 1000	7.7	99.7		59.7		1 10 . 0	100.0	100.0	iro.r	157.3 135.3	- •	100.8 100.0	100.0		103.5 188.1	150.
≥ 900 ≥ 800	7 . 7	09.7		79.7		1 18.0	100.0 100.0	100.0	1 30.0	100.0 100.0	150.3	100.0	100.0	170.c	100.0	170.
≥ 700 ≥ 600	77.7	49.7	99.7	29.7			107.0 107.0			100.0		• • •	: ດາ.ຄ : ຕາ.ຢ	160.0	100.0 100.0	1111
≥ 500 ≥ 400	77.7	99.7	90.7	99.7 59.7	1	1 0.0	100.0 100.0	100.5 100.0		190.9 130.0	100.0	100.0			100.0	
≥ 300 ≥ 200	7 7	59.7	1 - 1	99.7		1 70.0	100.0 100.0		195.7		100.0 100.0	100.0 100.0		100.0	100.0	100.5
≥ 100 ≥ 0	7.7	99.7				100.0	100.0 140.0	-		100.0 100.0				195.0 190.9		

TOTAL	NUMBER	OF	OBSERVATIONS	 7.1	

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	1.1	99.	93.6	73.9	21.3	11.3 64.7	91.3	9.5	91.5	94.5	51.3	94.5	71.7	71.0 94.5	91.5	64.6
≥ 18000 ≥ 16000	1.9	92.u	94.2	94.5	94.6	74 . H	74.5	95.2	• • 7	95.2 99.4	01.2	95.2	55.2	75.2 75.2	45.7 95.2	•
≥ 14000 ≥ 12000	32.0 43.3	73.2	94.3	25.2 96.1	76.5	95.5	75.5	25.8	95.0	95.6	95.3	95.4 96.8	98.8	25.5	76.2	0
≥ 10000 ≥ 9000	3.7	94.5	95.5	95.6	97.1	97.1	97.1	77.4	97.4	97.4	27.4	97.4	\$7.4 97.4	47.4	97.4	
≥ 8000 ≥ 7000	4 . 7	95.4	97.1	97.4	98.1	67.7 75.1	97.7	98.1	98.1	98.4	95.1	90.1	01.}	98.1		76.1
≥ 6000 ≥ 5000	4.5	76.5	97.4	97.7	93.7		00.1 98.7	99.7	77.1	79.0	78.4 59.3	75.4	03.4 20.0	75.4	 -	22.4
≥ 4500 ≥ 4000		66.	98.1	99.0	98.7	28.7	93.7	99.7	33.7 99.7	79.7	43.5	79.7	97.F		79.7	49.5
≥ 3500 ≥ 3000		97.1	90.7	99.0	99.4	19.4	99.4	29.7	70.7	74.7	99.7	59.7 99.7	30.7	79.7		
≥ 2500 ≥ 2000	5.7	97.1	93.7	99.0	07.4	.9.4	99.4	79.7	29.7	79.7	57.7	77.7	50.7			77.7
≥ 1800 ≥ 1500	5.0	97.1 97.1	93.7	29.0	90 u	19.4	90.4	15.7	39.7	99.7	29.7	99.7 99.7	57.7	19.7		75.7
≥ 1200 ≥ 1000	15 • 3 5 • 3	7.1	0 8 . 7 9 ° . 7	26.0	93.4	39.4	79.4	39.7	79.7	99.7	34.7	99.7	24.7		99.7	60.7
≥ 900 ≥ 800	5.3	97.1	94.7	30.6	49.4		73.4	99.7	33.7	99.7 103.3	99.7	79.7	59.7	19.7	79.7	74.7
≥ 700 ≥ 600	3.7	97.1	99.0	29.4	79.7	C9.7	79.7		100.0	173.0	100.0	0.00	159.0	100.0	160.0	•
≥ 500 ≥ 400	3.4	97.5	99.0	79.4	99.7	99.7	99.7	120.0	100.0	170.0	1000	100.0	100.0	100.0	183.0	100.0
≥ 300 ≥ 200	5.7	47.1 27.1	99.7	39.4 59.4	77.7	9.7	99.7	190.0	100.0	100.0	100.0	100.0	107.0	100.0		110.0
≥ 100 ≥ 0	5.2	97.1	9 7	09.4	99.7	19.7	29.7	173.0	100.0	190.0	100.0	100.0	00.0	100.0	100.3	190.0

TAL MILMRED OF ORSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	ES)				= -		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	77.7	#8.4 92.*	9 "	91.0 94.2	91.7 05.2	1.5	91.0 95.0	11.5	11.0	91.9	7 1 . (91.6 95.3	1.7	11.	91.	
≥ 18000 ≥ 16000	77.0	92.5	94.3 94.5	95.6 95.8	95.5	9 5. 5	95.5	75.5 75.5	95 5 95 5	95.5 95.5	7 . C	25.5 25.5	6 . K 6 . K	^3 • ·	38.5	
≥ 14000 ≥ 12000	70.0	97.1 \$3.9	95.2 95.1	% . P % 6 . F	95 . S	95.8 86.8	96.8	25.8 36.8	95.8 95.8	95 . U	95.0	95.8 96.6	35.5 35.5	95.8 96.6	35 . F 36 . d	
≥ 10000 ≥ 9000	7°.7	04.5	95.8	97.4	97.4	77.4	97.4	77.4	97.4	97.4	77.4 97.4	77.4	97.8 97.4	97.4 97.4	97.4 37.4	* 7.4 27.5
≥ 8000 ≥ 7000		୍ଟ୍ୟ•ମ ୨וମ	97.1 97.7	C7.7	37.7 98.5	7.7	97.7 98.4	77.7 39.8	97.7 77.4	97.7 98.4	57.7 54.4	57.7	17.7	57.7 35.4	97.7 38.4	6.3.5
≥ 6000 ≥ 5000	****	55.5 95.1	97.7 93.1	75.4	99.4 98.7	95 • 4 ∀8 • 7	98.7	76.4 93.7	79.7	93.4 98.7	98.4	58.7	98.7	93.4 58.7	98.4	72.7
≥ 4500 ≥ 4000		75.1	98.1 90.4	58.7 59.9	25.7 22.5	78 • 7	98.7	23.0	73.7	99.7	96.7	97.7	05.7		79.7 29.2	
≥ 3500 ≥ 3000		"5.1 "6.1	95.4 98.4	79.4	99.0	39.7	97.0 97.0	\$9.8 99.8	39.7	99.3	99.0	99.L	60°C	99.	79.7	33.
≥ 2500 ≥ 2000	1.	96.3 96.5	90.7	79.4	99.4	÷0,4	99.4		79.4	69.4 59.4	99.4	99.4	99.6	59.4 59.4	77.4	30.4
≥ 1800 ≥ 1500	1.	76.5	95.7	79.4	99.4	79.4	99.4	35.4	99.4	99.4 99.4	39.4	79.4	79.4	59.6 59.5	39.4	55.4 29.44
≥ 1200 ≥ 1000	1.0	96.5	98.7	79.4		59.4 59.4	97.4		90.E	99.4		39.4	99.4 99.4	79.4	99.4	19.4
≥ 900 ≥ 800	1.7	36.5	98.7	99.4	37.4	9.7	79.4	79.4	79.4	75.7	97.4	30.7	90.4 99.7	29.4 29.7	99.4 99.7	25 - 7
≥ 700 ≥ 600	1	46.5	99.7	29.7	99.7	79.7	99.7	19.7	59.7	99.7	99.7	57.7	99.7	09.7	99.7	59.7 52.7
≥ 500 ≥ 400	1.	96.5	99.7	97.7	97.7	1 0.0	100.0	178.5	102.7	100.0	163.5		100.0	100.0	100.0	100.0
≥ 300 ≥ 200	1.7	96.5	99.7	29.7		1:0.0	מ.פעוג	1 0.0		100.C	100.0		100.0	100.0	100.0	122.2
≥ 100 ≥ 0	11.0 1.0	96.5	99.0	99.7		190.8 190.8	100.0 100.0	102.0 102.0	100.0 100.0		100.0 100.0			150.3 120.0		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CREET							.ES)	ATUTE MIL	HBILITY (ST	VIS							CEILING
2 20000 75.7 9 5.4 95.5 96.1 66.1 66.1 96.1 96.1 1	≥ 0	≥ %	≥ 5/16	≥ %	≥ %	≥ %	≥ 1	≥ 114	2 1%	≥ 2	≥ 21/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 10	(FEET)
≥ 18000 75 93 95 70 1 26	6 1 .				1		71.0) 1					
≥ 10000 75	1 46.	1.62	୍ଧ ।	66.1	16.4	06.1	1 1	56.1	7e.1	46.3	6.1	76.1	76.1	95.5	03 a à	7 5	≥ 18000
≥ 10000 77.1 95.1 96.1 98.7 98.7 98.7 98.7 98.7 98.7 99.7 99.7		76.4			⁷ 6.1 →7.4				37.4			97.4		46.8	74.5	75.1	≥ 14000
≥ 8000																7.1	
≥ 7000	7 75.	78.7	94.7	90.7	96.7	39.7	94.7	74.7	44.7	93.7	28.7	Ç.A.	28.7	79.2		77.3	≥ 9000
≥ 5000	4 39.	99.4		00.N	77.4	1	79.4	99.4	÷4.4	99.4	9.4	35.4	79.4	0: 7	28.5	77.	
≥ 4000	a 29. 7: 35.	. •		- 1	• ;							1 7 1	, -				
≥ 3500 77.4 97.1 99.4100.0150.0170.0160.0160.0160.0150.0150.0150.0150.015	, -	99.7		- 1				- 1	1	' ' -		1		, ,	1		
≥ 2500	Dillic.	100.0	170.L	ion.n	190.0	100.0	103.0	160.0	100.0	100.0	100.0	100.0	100.0	99.4	67.1	77.4	≥ 3500
≥ 1800															97.1	77.4	
≥ 1900 77.4 97.1 99.4100.d100.d100.d100.d100.d100.d100.d100																	
≥ 1000	0100.	1.0.0	190.9	100.0	100.0	190.0	100.0	100.7	100.0	100.0	100.0	100.0	100.0	99.4			≥ 1500
≥ 800	0100.	100.0	100.0	20.0	100.0	100.0	133.0	100.0	190.0	100.0	100.3	130.7	100.0	97.4	97.1	77.4	
$\frac{2}{500} = \frac{77.4}{77.4} = \frac{97.4}{97.4} = \frac{97.4}{100.0100.0100.0100.0100.0100.0100.0100$?-					1		1 1	1 1	I .		1	6	1 - 1	7	. •	
≥ 500 77.4 97.1 99.4163.0160.0160.0160.0176.0160.01.00.00	1-					(1	1] -	} `: - 7	, , -	
$\parallel \geq \parallel 400 \parallel 7.7$, $\parallel 9.7$, $\parallel 9.9$, $\parallel 42.0$ \oplus , $\parallel 41.0$,	cion.	103.0	100.0	07.1	100.5	ם • מה ב	100.0	100.0	175.0	100.0	100.0	100.0	100.0	99.4	1 7 7		≥ 500
≥ 300 77.4 67.1 99.41.73.a130.q100.q100.q100.q100.q100.q100.q100.q	C173.		1000	0.30	106.3	100.0	100.0	107.7	170.0	100.0	11:0.0	130.0	100.0	99.4	£7.1	7.4	≥ 300
$ \ge \frac{200}{100} \frac{77 \cdot 4}{77 \cdot 4} \cdot 97 \cdot 4120 \cdot 6100 \cdot 61$																77.6	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION RAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	3.0	46.	90.4	80.4 96.1	96.1	70 . 4 70 . 1	89.4 95.1	30.4	87.4 96.1	39.4 96.1	20.4 96.1	87.4 96.1	87.4 95.1	89.4 96.1	39.4 75.1	50,4 00,1
≥ 18000 ≥ 16000	72.6	92.	96.1	96.1	96 a 1	56.1	96.1	26.1	96.1	06.1 96.1	96.1	96.1	96.1 95.1	76 - 1 76 - 1	96.1	, ,
≥ 14000 ≥ 12000	77.1	73.	95.1	76.8	96.1	6.1 6.8	96.1 96.8	95.1 96.8	96.3	96.1	96.1	96.3	5 . 3	76.1	96.1	16.4
≥ 10000 ≥ 9000	? 4 • Z	54. 55.	9	73.1 95.4	79.2	25.4	98.1	70.1	09.3	96.4	98.1	93.1	90.1	76.4	99.1	35.1
≥ \$000 ≥ 7000	7 M = 3	95.	99.4	99.4	- 1	28.7	98.7	78.7	v8.7	98.7	95.7	99.7			98.7	\$1.7
≥ 6000 ≥ 5000	14.5	76. 95.	37.7	99.7	20.7	99.7	99.7	49.7	99.7	99.7	90.7	99.7	99.7	69.7		
≥ 4500 ≥ 4000	74.9	26.	100.0	43.7	99.7	79.7	99.7	39.7	99.7	99.7	99.7 155.5	99.7	.0.7	29.7	29.7	99.7
≥ 3500 ≥ 3000	2 % . 7	36.	100.0	100.0	100.0	1 10.0		100.0		100.0	150.0	105.0	130.0	1 (n • i)	107.5	100•€
≥ 2500 ≥ 2000	15.3	36.	100.0	100.0	100.0	100.0	100.0	100.0	1 00.0	.20.0	190.7	ine.o		100.0		
≥ 1800 ≥ 1500	75.2	96.	100.0	100.0	100.0	100.C	100.0	150.0	100.0	100.0	100.0	100.0	100.5	170.0		
≥ 1200 ≥ 1000	75.2	96.	100.0	100.0	100.0	100.0	100.0	100.0	199.9	100.0		100.3	167.0	100.0	100.0	170.7
≥ 900 ≥ 800	3.3	76.	100.0	100.0	107.0	100.0	100.0	170.0	170.0	100.0	100.0	100.0	100.6	100.0	130.0	100.0
≥ 700 ≥ 600	75.3	28.	100.0	100.0	170.0	100.0	100.0	103.0	100.0	170.0	100.0	100.5	100.0	100.0		100.0
≥ 500 ≥ 400	75.7	96.	100.0	100.0	130.7	100.G	100.0	150.0	100.0	130.0	100.0	120.0	100.0	100.0	100.0	100.C
≥ 300 ≥ 200	75.2	96.	100.0 100.5	100.0	100.1	100.0	100.0	100.0	100.5	100.0	130.0	100.0	100.0	100.0	100.0	1:0.0
≥ 100 ≥ 0	15.2	76.	5107.0 5107.0	100.0	109.0	170.0	100.0	1.77.0	100.0	TOC.C	107.0	100.0	מ.סכנ	130.0	100.0	100.0

OTAL	NUMBER OF	OBSERVATIONS	11	0

CEILING VERSUS VISIBILITY

STATION NAME TEACH OF COLUMN TO COLUMN THE STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUSE (L.S.T.)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/6	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.07	90.7	01.0	61.9	1	25.4	92.3	57.3	62.3	72.3		65.3	77.3	92.00	72.3	
≥ 20000	75.7	94.5	35.5	95.5	95.8		95.3	05.6	95.3			55.3	77.08		95.5	6 2 0
≥ 18000 ≥ 16000	75.4	94.3	95.5	95.5 95.5	95.8		95.4 95.4	75.6	94.4	95.5		95.5	95.5 95.8		95.4	7
≥ 14000	45.3	9405	95.7	96.5	96.8		96.0	06 A	95.	76.8		66.4	26.8		96.8	- 1 - 2
≥ 12000	75.4	94.	95.5	76.5		1	95.8	!	35.0							
≥ 10000	76.3	96.3	94.1	\$ 5. 1	च से व	78.4	98.4					98.4				5
≥ 9000	76.7	?5.9	97.1	24.1	98.4	78.4	28.4			48.4	99.4	93.4	40.4	\$8.4	78.4	7000
≥ 8000	77.3	97.1	97.7	NB . 7	00.7		00.3		-	59.U	99.	79.0		1	49.3	63.
≥ 7000	77.1	7 7 . 1	97.7	98.7	99.7	09.5	99.3								20.0	
≥ 6000	77.4	77.4	- 1	99.0	- 1			- 1	- :	-			43.4			
≥ 5000	77.4	97.4		(10.4											29.7	~4.7
≥ 4500	7.4	97.4		94.4												
≥ 4000	27.4	27.7									100.0					
≥ 3500	77.	97.7	95.7	,		, ,					100.0	-		-		
≥ 3000	77.4	97.7								$\overline{}$	105.0					
≥ 2500	77.4	97.7	33.7					100.0			105.0			100.0		-
≥ 2000	17.1	97.7	99.7								100.0					
≥ 1800	77.4	77.7	99.7	- 1				(100.0			,	120.0	, 1
≥ 1500	77.4	77.7	99.7								100.0					
≥ 1200	77.4	97.7	99.7	- 1	1		-				100.0					
≥ 1000	17.4	97.7	09.7								100.0				150.0	
≥ 900	77.4	97.7	22.7	- 1	199.0	1 1					100.0	- 1			1	1
≥ 900	77.4	97.7									100.0					
≥ 700	77.4	97.7	97.7			1 50 - 7		_	1		100.0	-		1		- 1
≥ 600	7704	97.7									100.0					
≥ 500 > 400	77.4	37.7				1 1					1.000		_		-	- 1
	1	97.7									100.0					
≥ 300	: 7 · u	97.7	1 - 1								100.0			r		1
≥ 200	77.4	07.7									100.0					
≥ 100	7.4		1 7 1								100-1					
≥ 0	7.4	¥7.7	39.7	49.7	1.10.0	n ::0 • 0	168.6	14.57.7	103.7	12 (7 (2 + 2)	14 O D • C	100.C	107.0	1.00.0	H 770 - 3	11.03 × C

TOTAL NUMBER OF OBSERVATIONS 11

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 2% ≥ 1% ≥ 1% ≥ % ≥ 5/14 97 ≥ 20000 97. 97.1 97.1 97. 97.1 77.1 96.5 67.1 77.1 > 18000 97.1 \$7.1 97.1 37.1 57. 36.05 50.5 07.4 ¢7.7 27.7 9001 97.7 98. 53.1 93.1 99. 90. ≥ 10000 2701 30.0 9.0 77. 70.0 49.4 29.4 4000 5000 ≥ 4500 ≥ 4000 14. 3500 2500 2000 . 92. 71. 33. di 10. di 00. di 30. di 30. di 33. di 60. di 60. di 1800 1500 7.7. 1200 7:0 15. 99.7 79.7100.41.00.7100.61.00.71.0.71.73.71.05.71.00.71 700 600 99.7 <u>no arigo, di spedi aneglia a abi acebi guella de chaga ali aneglia a c</u> 79. 28.7 92.7 99.71 22.01 02.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.0 74. 79. ຈະ-71 ກວະກະເພື່ອກ່ວວະດີເປັນຕະວັກວະຕາເລີ້ນ ອີກວະຕາເລີ້ນຄວາມເຄືອນ ອີກວັນຕີ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕ ຈະ-71 ລຸດ - ປະຊາຍ ເປັນຕະວັກ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາມຕົວ ຄວາ

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 1% ≥ 1% NO CEILING ≥ 20000 \$ 5. 5.0 75.9 6.1 76. V6 . 1 26.1 56.1 96.1 95.1 86.5 97. 97. 97. 97. 99.2 ≥ 10000 ≥ 9000 99. 97.4 36.3 93.4 48 . 7 49. 99. 49.7 19.1 44.1 39.2 99. 9.1 99.1 v 9 . ? 99.2 19.4) C . h 79.4 79.7 19.4 99. 99.4 09.2 47. े0 . 4 99.4 49 . E 99.8 79.8 99 8 94.3 30.8 39.8 99.8 19.5 50.0 99. 3500 99.6 33.0 69.9 99.5 99.8 \$4.8 ¥9. 8 09.6 77. 90.3 59.0 94.9 99.5 33.9 2500 2000 79.6 99.5 00.0 00.0 99.3 99. 8 99.9 99.9 59.8 29.9 99.9 99.€ 30.0 47.9 99.6 99.4 99.4 26.9 09.9 09.9 69.9 59.9 90.0 99. 2 9.5 99.6 49.9 30.0 39.9 99.9 97.9 1200 97.0 99.0 99.0 49.6 99.8 99.3 99.8 22.9 27.6 39.8 99.2 99.8 79.9 22.2 26.2 26.2 00.3 20.4 900 800 99.9112.0120.7100.01100.0100.0100.01 97.3 64.7 99.9 99. 49.9 09.9 99.91 10.0100.0100.0100.0100.0100 ≥ 99.7 99.9 99.9 99.9 tococh au-diccoch to chica-ahea-ch an-97.7 99.91.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.0 74.7 99.7 գիտանությունը, որ դիսագին, բանի առավարագության արև բանի որ արև բանագին, որ 97.3 n. al no. al no. ol en. al no. al no. al no. al no. al no. al no. al no. al 3.0100.0100.0100.0100.0100.0100 de co da co ada co do

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 14	≥ 5/16	≥ ⊊	≥ 0
NO CEILING ≥ 20000	, ^ , 7	9: 3	3.7	۲۱.۹ ۶۶.3) 1 . T	1.1	91.0	1.0	71.7	91.3	71.7	21.0	71.7	71.	ÿ1.	
≥ 18000 ≥ 16000	4.5.1	92.7	9 7	3.7	92.5 93.7	3.7	93.3	17. ¥	03.3	97.7	91.7	23.5	93.7	13.2	57.3. 57.7	
≥ 14000 ≥ 12000	12.1	73.7	74.7	4.7	2 1 2 2	4 . 5	>4. *	4.1	04.7	24.7	94.3 94.7	94.7	94.3	74 a 7	94.1	
≥ 10000 ≥ 9000	1	74.7	95.5	95.7	25.7	5.7	95.7	\$5.7	95.7	95.7	25.7	55.7	95.7	15.7 55.7		24.7
≥ 8000 ≥ 7000	71.7	15.7	94.7	96.7	96.7	6.7		5.7 5.7	95.7	76 . 7 96 . 7	96.7	95.7	96.7	96.7		
≥ 6000 ≥ 5000	77.7	75.7	94.	9(.7	76.7	75.7	21.7	96.7	87.7	36.7	95.7	97.7		76.7	96.7	7
≥ 4500 ≥ 4000	12.3	97.1	97. 5	58.8 58.0	2H	58.0 66.0	98.0	₩8.0 98.0	24.5	75.	99.0 98.0	98.0	34.0		78.0	7
≥ 3500 ≥ 3000	2.7	47.5	97.3	99.0	94.7	98.7	29.0	00.7 ca.7	94.7	98.0	48.0 95.7	98.7	99.7	98.7	78.7	
≥ 2500 ≥ 2000	72.7	47.7	99.0	98.7	· - 1	98.7	78.7	13.7	95.7	98.7	94.7	76.7	_		78.7	20.1 20.1
≥ 1800 ≥ 1500	72.7	47.7 27.7	93.5	94.7 96.7	- 1	68.7	69.7	98.7	99.0	98.7		92.7	73.7	78.7	99.7	7
≥ 1200 ≥ 1000	72.7	67.7	48.0 93.1	77.7	98.7	44.7	99.1	69.5	79.1		99.7	79.5	50.0 40.3	09.0	99.7	25
≥ 900 ≥ 800	72.7	98.0	98.7			-9 . ¥	99.7	-	94.7 99.7	99.7	·	99.7	79.7	29.7	49.7	25.1
≥ 700 ≥ 600	72.7	98.7	98.7	99.3	76.3	9.3	90.7	9.7	99.7	95.7		•	99.7	79.7	99.7	30.7
≥ 500 ≥ 400	77.7	78.0 98.0	91.7	79.3	29.3	39.3	99.7	30.7	99.7	99.7	99.7	99.7	39.7	99.7	99.7	99.7
≥ 300 ≥ 200	72.7	98.1	98.7	49.3	99.7	79.7	99.7 100.0	99.7 130.0	77.7	95.7	99.7	99.7 100.0	99.7		99.7	96.7
≥ 100 ≥ 0	72.7	98.7	98.7	99.3	99.7	\$9.7 \$9.7					100.0					

TOTAL NU	MBER OF	OBSERVATIONS	 . 7	

CEILING VERSUS VISIBILITY

STILL ETHICAL A

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 1% NO CEILING **71.** 9:. 7.7. 9 . • ≥ 20000 ?". 25. ≥ 18000 ≥ 16000 72.7 ٠ ? . 33. 3. ٠4, 94. ≥ 10000 ≥ 9000 , i . 96. : t. . \$6. 97. 87.5 27.0 47.6 97. 97.0 <u>.</u> √7•7 ٠.٠ 97.0 17.0 47.3 6000 5000 , i . ¢6. ~7<u>.5</u> 77.5 97. 97. 27. 77.7 97. 77. 27. 78. 3500 98.0 94. 98.3 98.3 78.7 58.0 78 . 3 38.7 2500 49.3 2000 ٦. 99.7 -4.7 79. 1500 1. C.3. 99. 9.7 77.7 99.7 49.3 29.7 69.7 1000 19.7 29.7 99. 78.7 99.7 24.7 49. 47.7 39.7, 09.7 1. 900 800 ۱۱. 20.7 29. \$ 99.7 79.7 49.7 99.7 99.7 59.7 99. 71. 700 600 ≥ 99. 99. 19. 95. 99. 99. 99. 77.7 24.

TOTAL NUMBER OF OBSERVATIONS

6.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 4 ≥ 2 ≥ 1% ≥ 1% ≥ 10 ≥ 5 ≥ 5/16 ñº. · 7 • NO CELLINO . 7 . > 20000 60. 38. 46. ٠ą. 30. F : . 7 800 3 ? . 800 37. ≥ 16000 58. 63. ነ ግ • ≥ 14000 ≥ 12000 73. 39. 7.3 7.7 73.3 ≥ 10000 ≥ 9000 ٦**3.** 39. 94.1 `4. 8000 7000 = 4 <u>.</u> 41. 6000 5000 112<u>.</u> 6.3 4500 4000 · t: • 97. 37.7 6. fs • 23. 46. 39.7 2500 44. 96.0 23.7 97.3 **`9** . 97.3 7.6 94.7 93. 57.3 <u>></u> 1800 1500 16. 94.7 47.3 - 9 v 3 - 1 ₹3.5 76.3 79.1 73.7 96.7 97.3 08. 99. 99.3 1200 93<u>.7</u> 93 . 1000 ° 6 • 319.7 ·07.3 76. 97.3 9: . .4. 9.7 93. 900 27. 15. 76. 37.3 03. 99. 99.3 39. 700 ີ <u>ກໍ •</u> 96. 600 27.3 07.3 <u>*6</u>. 9 % 74. 30. 99.7 500 400 99.3 ≥ 23. 39.7 39.7 07. 98 . 9.0 9.3 49.3 30. 4 59.3 16. 79.3 16. 92. 49. 1100.0100.0100.0100.0100.01 300 200

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET

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98.

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94.3

G.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	HBILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000		• • •	8	F 7			\$ 3 a 2	• [10.0	• •			· • ·	7.	٠.
	4.7	~	*****	6 . 5	£ 3		60.7	3,7	97.7	77.00	66.7	F () - 7	7	3.0		
≥ 18000 ≥ 16000	ς _γ .		87 87	24.7	80.7 30.7	•	97.7	្រាត់ រក្សា		7.0 ·	6.0	3 C.	1	150 120		•
≥ 14000	·	6.	27.	-1.	1.	1.3	11.7	11.3	1.		11.	1.3	21.7	1.	• • • •	1.
_≥ 12000			97.7	41.7			6.7.	***	•		07.	5	-	٠		
≥ 10000 ≥ 9000	/	7.7	91.7 93.5		37.7 37.7	3.5	75.0 63.3	27.7	: 3, 7 : 7, 7		i	3.7			7	•
≥ 8000	7	89.	52.7	~4 .	74.	4.3	14.3	F4.7	74.7	74.7	14.7	744.7	16.7	1 (4,7	44.7	
≥ 7000	1,7 . 7	29.7	91.	Pb . 7	11.2	4.3	94.7	:4.7		74.7		1 4.7	7	**.7	, 4 . 7	
≥ 4000	• • •	4.3.3	27.7	34.7	7.4.7	95.	€ F . **	21 . 2	U . 7	25.	40.	, C . 3			30. 1	
≥ 5000	1	-1.4	94.	25.7	>≤ "	5.	36.	78. 3	K . 7	60.0	/ A, -	5 . 3	6.1		76.3	٠.,
≥ 4500	, • • 1	7 . 1	49.5	< 5.0	96.0	0.	86.8	74.7	76.7	90.7	0.5.7	15.7	7	31. 2	64.7	
≥ 4000	1	01.1	91.7		400, 7	77.	07.5	47.3	. 7. 7	07.3		47.3		27.	27.3	
≥ 3500	. 1	11.7	4 7	27.0		7.3	77.3	1 7 P	27.7		+			07.7	1 7	_,
≥ 3000	• •	92.1	41.7	~7.7			93.5	العيد ا	33.8	96.	52.3	96.3	53.5	v 1	3.8.5	
≥ 2500	7	72.7	34.7	7.7	77.7	9 .	91.5	731.3	Ç 2	5	30.3	95.5		70.1	70.7	
≥ 2000		2.1	94.7	:7.7	47.7	78 ·	40.	1.3		Эн.	0.3	30.3		3.2	9.7	ગલું.
≥ 1800	-	720	9 7	7.7	77.7	5.	٥	23	C 2 - 7	90.4	50.7	21. 2			19.8	
≥ 1500	6 8 . 7	92.4	47.	ខខ•ព	34.	33.7	98.7	25.7	15.7	2.7	42.7	\$3.7		. K. K. T.	98.7	
≥ 1200	. 7	00.4	97.	មិន 🖟 🖔	28.	· * * 5	58.3	3.7	(, 0, 7	00.7	7: 7	1 7	.,	26.7	} * . 7	
≥ 1000	5,50	٠. • ١	770	0.1.	28 . T	Te . 3	98.3	7.7	08.7	40.7	\$5.7	35.7	· • · • •	20.3	48.7	0.54
≥ 900	. 1	3	37.17	92.	6.3	19.5	94.5	V3.7	18.7°	98.7	U 5 . 7.	54.7	. 7	17	19.7	70
≥ 800	7 . 7		97.7	96.0	98.0	35.3	99.3	3.	45.7	95.7	60.7	3 7	27.7	7 7	"A . 7	
≥ 700	*5.6	2.7	27.3	98.3	94. 3	33.7	91.7	(7.11	35.0	30.	99.	~ ?		50.	24.0	C 2
≥ 600	7 1	92.7	97.3	9 .3	33.7	19.00	20,5	09.3	00.2	97.7	99.3	49.3	1 5 3 . 3	199.3	39.7	٠,
≥ 500	7.7.	7.00	97.3	94.7	3.3	.3.2	49.7	99.7	60.7	99.7	00.7	97.7	34.	7.007	29.7	• • •
≥ 400	•	42.7	97.3	25.3	96.1	29.3	99.	170.3	100.7	100.0	100.0	100.0	20.0	A DO. C	122.2	1
≥ 300	•	62.0	37.3	93.3	ÇQ.	10.	97.	1	120.0	100.6	107.0	100.0	100.0	102.0	140.0	1
≥ 200	71.07	42.7	\$7.3	25.3	vo.	39. !	49.1	1	177.7	190.3	100.0	100.0	100.0	200.0	100.0	1:
≥ 100	10.0	72.7	77.7	90.3	49.	49.3	99.7	1 .0	1000	100.0	160.0	15 .0	100.0	173.0	100.0	1 ^ . •
≥ 100 ≥ 0	1	7	97.3	29.3	99.	49.3	97.3	h call	100.5	200.4	la concel	120.5	2	h : 0 - 01	100.1	b n

TOTAL NUMBER	OF	OBSERVATIONS		, ,

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 1% 1 ≥ 1% ≥ 10 ≥ 6 ≥ 3 ≥ 21/2 ≥ ¥ ≥ 20000 ·:.3 91. 71. 71. i. ≥ 18000 -1.4 :1. 1). 1. - i - A ≥ 16000 ψ1<u>.</u> . 1 . 7 91.7 ≥ 14000 ≥ 12000 11.)!!• ≥ 10000 ≥ 9000 24. 94. 4 . ≥ 8000 6. 91 7000 ≥ 6000 ≥ 5000 14.7 64. .6. ⊋<u>7.</u>: ₹7. 7. 97. ≥ 4500 ≥ 4000 97. ≥ 3500 ≥ 3000 18. . 7 ≥ 2500 ≥ 2000 ~8 • 7! 5 4 . 7 98.7 ≥ 1800 24. 93.7 99.0 92. 1200 1000 22.5 90. 30 T 90.3 99.3 30. 24.7 9.7 99.3 > 900 800 79.3 74.7 34.3 50. 10.4 \$9.7 79. 39.3 30.3 <u>≥</u> 94.3 ₽¢. · Q . 5 *7.7 39.7 35.7 49.7 ·9.3 99.7100.0100.0110.01 :0.0100.0100.0 99.7100.0100.0100.0100.0100.0100.0 79.7 <u>></u> 500 400 74. 97. 67. 49.3 99.7 94.7 99. . 9 . 3 49.7100.0100.0100.0105.0100.LI ۶۶<u>۰</u>۲ (3. 57.7 77.7 Cq. 7 . 9 . 7 ya. 71 no chien nhas dhar chien c 59.3 79.3 89.7170.0107.0100.0100.01 79.7 79.71-3.310 20.3 92.3 79. 7 79.7

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥1	≥ %	≥ 4	≥ %	≥ 5 16	≥ .	≥ c
NO CEILING	•	1.	- ', "	1	•	7.5	v. 3	4,7	· • ?	19.	1, , 7	4.5	٠, ۲	•••	-	
≥ 20000	• '		•		71.	1.	71.	1.0	1.	-1.	• 1 • *	1.			. 1.	
≥ 18000 ≥ 16000	• 1	•	3 .7	11.1	(1.)	1.1	71.7	1.	1.	1.0	-1.7	1.3	,	1.		
≥ 14000	•	1.1	41.		2.5		127.		7			• 3			•	•
≥ 12000			1 2 4 5	1 10 . 3		4.7	- 4 7	1 7	- 1 . 7		7	7 7			• • • •	
≥ 10000 ≥ 9000	•	1 3.1	7 . 7	7	74 . 1	15.	74			•	i e	•	•	* •	•	•
· -		-	7.		27 1		7							• .		
≥ 8000 ≥ 7000		1	77.	17.3	7.7	77.7			17.7	,		, <u>, , , , , , , , , , , , , , , , , , </u>	,	٠,٠	•	
≥ 6000 > 5000		14.	,		27.7		2	7	7.7	7.7	• •			•		
_ 2 3000		•	, , ,	7.7		1 6 4	.,.			<u> </u>	<u> </u>	• · · •		• .	•	•
≥ 4500 ≥ 4000			97.7	: 7	194 ° 1	9 15.1 9 5.7	3 7	. 7	,	1 12 4 . j		•	•	•	•	•
- -	44	, ,	17.7	20	54	2.7	99.7						' <u>,</u> .		-	
≥ 3500 ≥ 3000		1	,	. 7	96.	1 9.4	26.4		40.5				•	,	•	
≥ 2500	•	•	7, 1.	7	• •	.0.	39.3		•		•	•				•
_≥ 2000	•	+. •		• 7	30.	3. 3	60.	• !	7	1 2 6	<u> </u>	<u> </u>	•	•		. •
≥ 1800 ≥ 1500	•		3 2 . 3	7	٠ د د د	9.	50°4	0 . T	7.0			• 1	•	•	• • •	•
		7,	7 .			9 3	70	- ()		•					• • •	
≥ 1200 ≥ 1000		31 .		7	, 7		27.	7.5	; , , ,			0 • Š				•
≥ 900	•	16.	9		9.0	.0.;	20.3	-		1	49.5	, D . 3			• • • •	
≥ #00		100	35.7	7	73.3	9.7	20.7		. 9 . 7	98.7	^ (. 7	200 1	7.		, , ,	
≥ 700 ≥ 600	F	2 % • 1 2 % • 1	,	7	30.7 30.7	79.7	20.7	70.7		i .		37.7	7	, , ,	• • •	•
_=				0.3.7						• 7	799.7				· : / • /,	
≥ 500 ≥ 400		76.	2	,	34.1 90.1	3.7	79.7	19.7	100.7	1		1	. 7: ! :	1 77.		
	·	111	9- 3	+		19.7	10.7				1.0			-		•
≥ 300 ≥ 200	- •	***	9	2 7	20.0	9.7	.0.7	រូបស្ន	16.00	100.0	100.0			<u> </u>		·
≥ 100 > 0	•	^		7.7	30,3	0.7	99.7	1500		15.0	100 • 0	100.6		150.5	· · · · ·	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	IBILITY (ST	ATUTE MIL	.ES)						
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¼	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING	•	53.	45.5	4 X	67.0	18.7	R ~ . 7	20.67	¢ · •	₽ £ • 7	. • 1	34.7	49.7		• • • •	1 0 . 7
≥ 20000	•	500	.,1	- 3 •	71.		71.7		11.	1160	71.0	1.0	10.	1		
≥ 18000 ≥ 16000		7	51.7 21.3	01.5	71.3	1.3	71.	1.3	91.3	21.	71.7	1.3	-1.7	1.	1.3	
≥ 14000	. 7	721.3	47.	7.5		2.	52.0	3.5 . 15				67.0	7.50		- /	
≥ 12000			0.4		44	4	44	6.4	4		34	7 5 6 1		 	4.7	. • . • • •
≥ 10000	77.3	9 f • 3	9×. 1	2	96.03	4	46.2	76.3	£ . *	98.3	26.3	36.3			18.3	
≥ 9000			31.3	20.5	96 . 3	<u> </u>		11 0 3	30.3	35.07	· · · · ·	7000	150		<u> </u>	
≥ 8000 ≥ 7000		76 .	97.1	67.3	37.7	7.7	57.T	37.7	59.8 57.8	97.3	07.	,1,2 ,1,3	* * *	37.3	97.7	57.
≥ 6000	1.		27.	77.	4.1.	7.	6.7.3	7.7	5.7	97.1	77.7	7 7 7	22.5	77	7 3	
≥ 5000		, 7 . 7	22.7	7	30.7		93.7	7	7.3	. e . 7	, , , 7	27.7			24.7	9.29
≥ 4500		7.,	97.7	26.7	90.7	23.7	75.7	7	3 7		94.	95.7	•	7.7	70.7	
≥ 4000	1.5		90.0	0.	99.1		97.	22.0		97.	70.	प्रथ		نوت		•
≥ 3500	•	28.€	₹7.00	C 7 .	10.	.0.	30.	39.45	V2.3	79.	95.1	¥ ? •	.0.	•	9.7.	٠,٠
≥ 3000	<u> </u>	3 € € 3	94.7	44.0			99.0	•	19.1	***	"C .	20			<u>^}}•</u>	.17≱.
≥ 2500 ≥ 2000		200 • 1	77.	কিও.ে কিও.চা	99.7		99.7	2	77.	C 1 •		70.		- 1 Dec. 2	90.	• •
			9 - 1						70.7	73.						
≥ 1800 ≥ 1500	•	30.	95.0	59.3	99.7	29.0	2.0 e i j	l		40.		33.0			35.	•
	<u> </u>	26.	97.0	690.	77.	?.	34.	39.0	, , , ,	•	<u> </u>	3.00		ليَّ•يُّا⊢		22
≥ 1200 ≥ 1000			9:.	33.4	99.7	19.3	99.3		ς 3 . τ	39.3		• -	: 20 . T			
	•	· ^ •	70."	69 e	99.3	.9 . 3	99.3			99.3	+					
≥ 900 ≥ 800		23. 10.	୨୬.ମ	99.0	30.5	79.3	99.3			49.5	, - 1	(0.3	; ३२ . ₹ ३३ . ₹		ાવે. ડે વ્યુપ્	•
		V 9 . 17	97.0	22.3	20.3	19.3	22.3		3 , 3	09.0		v 0 3		39.5	72.	
≥ 700 ≥ 600		5	97.7	27.0	84.3	9.3	99.3		19	75.3		49.3		,9.7	09.3	
≥ 500	15.	78.0	97.0	•	27. 7	: Q . 3	49.3	-3.3	77.3	7.4.5	 	30.3	70.8	19.3	09.	
≥ 400	7.	18.	93.7	3	37.7	9.7	40.7		00.		157.0	-			: . ^ . ú	
≥ 300	11.	28.7	99.	15.00	20.7	79.7	59.7	09.7	~ 7 . 7		190.7			170.7	100.3	1
≥ 200	٠ تر	5.	9;.	99.0	99.7	39.7	97.7	40.7	94.7	15000	1 1	100.0	-		150.0	170
≥ 100	•	90 € .	90.	20.0	77.7	~9 • 7		~9.7	> ? • 7	1	100.0	167.6	100.0	173.3	100.0	1 /.
≥ 100 ≥ 0	* * • •	3000	90.	39.0	99.7	99.7	90.7	59.7	23.7		ادمجعنا			inclu	100.0	10

TOTAL	NUMBER	OF	OBSERVATIONS	•	٠

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING > 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 21/2 ≥ 2 > 1% ≥ 1% ≥ 4 ≥ & 2 % ≥ 5/16 ≥ i ≥ 0 21. 91. 91. Ø1. ¢1. >1. NO CEILING 21. 71.2 ¢1.3 . . . 1.1 51. 11. 51.3 a <u>: •</u> ≥ 20000 52. r ; . 93.0 ٠. 42. : 3. ०१. °3. ≥ 18000 ≥ 16000 43. 93. 97. 3. 93.7 ≥ 14000 ≥ 12000 ^ 4 . 95. ≥ 10000 ≥ 9000 45 <u>.</u> 07. ≥ 8000 ≥ 7000 ے رہ ف 97 27. -7. 57.0 37.3 6000 5000 1 & e 97.7 4500 4000 97.7 ¥7. 27.7 97.7 ·7. Q.F <u>≥</u> 3500 3000 40.3 97.7 : h . 79. 79. 9. 99. 99. ≥ ≥ 2500 2000 99. 29. 1800 77.7 94. 39. 19. 49. ≥ 1200 1000 43. 77. 49. 69.3 97. 16. 98.7 <u>}</u> 99. 59.3 39.1 95.7 99.7 39. 90. <u>00-0190-015</u> 90 (9.7) pp. 01 00.61 00.71 00.71 00.71 00.71 00.71 07.71 07.61 07.61 40. 500 400 96. 39. 15. 79. ra. al ra. al cos al co ≥ 94, 43.7

				_	_	_
TAL	NUMBER	Of	OBSERVATIONS	3	2	C

DIRNAVOCEANMET

95.

99.71.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.01.00.0

CEILING VERSUS VISIBILITY

STATION NAME

DEDCEMITAGE EDECHIENCY OF OCCURR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 1% ≥ 10 ≥ 6 ≥ 11/2 ≥ 5/16 ₽A. 80.1 NO CEILING 10. 37.5 9-7-0 £ 5 . 91.6 49. 91. 91.3 91. 41.6 21.6 5 . 7 11.0 21.6 31.5 91.4 91.5 41.6 71.5 ≥ 18000 ·1.4 91. 39. 91.5 7/1 . 22. ≥ 14000 ≥ 12000 72.4 73. 23. 93 ≥ 10000 ≥ 9000 44. ΦŞ. 98.2 35.3 95.3 95.3 95.3 95.3 95.0 94.1 25.3 3.7 36.03 94.1 26.3 ≥ 8000 ≥ 7000 · 6 . ି€ • 26. 36.4 74.3 95. 76.7 44 . 7 6.5 96.5 ≥ 6000 ≥ 5000 97, 97. 47.2 97.3 97. 97.0 ≥ 3500 ≥ 3000 97.7 28.2 98.º 730 97.3 9 : . * 9.4.3 90.0 1. 99.8 300 83.8 2500 2000 94.4 99.0 97.0 98. 18.9 39. 99. 94.4 <u>≥</u> 1800 1500 1.1 93: 6 39. 94.5 9. 99.2 39.2 98.5 95.0 94. 71.1 36. 42.1 99.9 ~ 9 <u>.</u> 99.3 19. 7 11.1 56. 98.5 79.7 ₹◊. 2-1 94.6 89. ٠9. 99.3 30.4 900 10. 5 G • 37. 99.4 9:02 98.7 99. 59. 70. 96. <u>≥</u> 700 600 44. 94. 9€. 99.2 79.4 99.9 500 400 11.1 78.2 1 - 1 96.7 34. 99. 04 . ! 29.7 2 ts . 90. 9.5 29.8 . 1 . 1 300 200 116. 99. 11.1 19.3 79.7 36. 99. .9. 99.9100.0100.010 1 • 1 49.7

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

27117

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	ين≤	≥ 0
NO CEILING ≥ 20000		1.	34.5	دٍ ن • <u>ا</u>	54,5	16.5	54.5	1 1	56.0	95.5	1!		1 -	84.5	16.5	· .
≥ 18000	7	12 a /	36.1	18.1	80 1 00 8	49.4	59.1	38.4	53.1	40.4	변호 4 본론 4	80.4	. 4	72.4	39.4	
≥ 16000	\$ 1	22.5	36.9	88.1	36.4	18.4	36.4	₹6.4	44.4	32.4	25.4	95.4	4	96.4	7 . 4	
≥ 14000 ≥ 12000		.4.0 04.0	集产。4 陈产。40	94.0 93.1	90.4 90.3	49.4 60.3	89.4 47.1	7 . 4 7 . 4	34.4	59.4	87.4	87.4	6".4	ДФ. 4	39.4 1.11.1	911
≥ 10000 ≥ 9000	1.	7.4	91.0	92.6	ı - ı	02.0	65.0	0.0	5.1.4	92.5	97.9	92.9	9:.9	97.6	97.0	
≥ 8000	12.	59.	97.6	44.7	3# ° £	94.5	94.5	*4.5	24.5	34.5	0 L . S	94.5	د ه 4 - 3	72.4	14.0	1
≥ 7000 ≥ 6000	33.1	1.	73.E	95.2	96.5	5.5 ^6.5	96.5	****	96.5	96.5	96.5	95.5	4.5	≎6 • !	95.5	31.5
≥ 5000 ≥ 4500	34 . 3 24 . 3	2.3	95.7	98.4		57.7 68.7	98.7	98.7	97.7	93.7	57.7	97.7		77.7	97.7 59.7	$\frac{57}{5}$
≥ 4000	38.0	₹3.00	D 5 , 2	99.7	97.5	49.0	97.3	∨⊊ "n	99.	99.0	99.1	63.	50.0	50.	20	<u> </u>
≥ 3500 ≥ 3000	34.	5 • i	97.4	03.4	- 1	79. N	39.7	7.4	00.4	79.4	97.4	99.7	-	99.4	99.4	99.4
≥ 2500 ≥ 2000	34.3	3.	97.4	99.4		00.7	99.7	100.0	99.7 100.5	97.7 100.0	49.7	99.7	23.7	73.7	57.7	50.7
≥ 1800 ≥ 1500	34 3	7.7	97.4	99.4	300.0		100.0	100.0			100.0	100.0		3000	เมื่อตั้งก	100.0
≥ 1200	34.	110	77.4	99.8	157.7	100.0	190.0	1 10.0	100.0	170.0	170.0	100.0	107.3	170.0	100.0	100.0 100.0
≥ 1000 ≥ 900	34.2	33.3	97.4	20.4	100.0	100.0	190.0 195.0	100.0	· · ·	<u>: 78•8</u> 136•8		170•3 100•6	1 7	177.	1.10.0	<u>159.6</u> 175.0
≥ #00 ≥ 700	30	793.4	97.4		100.0		100.0	100.0	160.0	170.0 173.1	100.5	100.0	107.0	170.0	1.00.7	1 7 7 • 7
≥ 600	34.2	23.9	97.4	39.4		170.0	100.5	170.0	100.0	100 · C	ויייין	177.0	<u> </u>		13.3	153.5
≥ 500 ≥ 400	34.3	63.4	27.4	09.4	100.5		100.0	iro.c	100.0		100.5 100.0	100.0 100.7	100.0	100.9	100.0	170.0 170.0
≥ 300 ≥ 200	34.2	13.5	97.4	93.4		1 *9.3 1 0.0	130.0 130.0			170.0 170.0			107.7 187.0	100.0 130.0		100.5 100.1
≥ 100 ≥ 0	34.2 34.7	63.5 3.5	97.4	_	1:3.f 1:0.f	170.0 170.0	100.0			190.0 100.0		100.0	177.0	100.0		

TOTAL	MUMBER	OF OBSERVATIONS	,	' 1

CEILING VERSUS VISIBILITY

STATION STATION NAME TEAMS

PEDCENTAGE EDECLIENCY OF OCCUPANCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 1 NO CELLING 33.9 z 5 • 2 96. ≥ 20000 ≥ 18000 ≥ 16000 73.1 ം പ 59.4 89.7 ≥ 14000 ≥ 12000 9 7 ≥ 10000 ≥ 9000 23. 74. 8000 7000 47.7 74. 6000 5000 97. 97.7 96.1 4500 4000 3500 3000 1800 1500 1200 49.7170.31 48.1 900 800 79.7100.01 99.71.70.01.00.01.00.0

TOTAL NUMBER OF OBSERVATIONS	 1	?

DIRNAVOCEANMET SMOS

0

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.4	64.1	6 . 4	71.2	75.04	77.0	79.5	75.3	72.3	70.5	79.6	79.6	30.8	79.5	75.6	70.1
≥ 20000	34.1	44 . F	77.9	75.4	50.5	2 80 0 7	94.5	14.4	34.4	14.3	53.1	35.1	25.1	95.1	35.1	24.1
≥ 18000	24.0	68.6		76.4	A^.6		84.5	4 . 5	34.5	5 N . F	65.1	A5.1	- 5 . 1	÷5 • 1		i
≥ 16000	34.1	£ 4 . 5	73.4	70.4		4.	34.5	74.4	94.5	24.0	85.1	-5.1	5.1	25.1)
≥ 14000		70.e	74.7	78.3	72.7	6.4	26.4	46.7	81.7		e7.1	*7.1	=7.1	67.1		
≥ 12000	7	71.7	70.7	79.3	33.4	.7.4	87.4	37.7	87.7	¥7.7	98.1	89.3	2 - O		· · ·	3 •
≥ 10000 ≥ 9000	1		81.7	4 - 1	88.4	2.3	23.5	23.6	0.00		97.9	92.9	97.9			
= ****			31.5	34.5	38.7	°2.6	92.5	02.9	63.0		93.7	? ? • ?	7.7			
≥ 8000 > 7000		76.7	32.5	- 3 • 1	57.3	3.3	93.3	33.5	33.5		93.9	23.3	-	1	34.3	
)— -	- 1		87.7	16.4	97.6	4.5	94.8	14 - 3	44.7	9400	9".3	45.2	\$ 5 . ?		25.2	
≥ 6000 ≥ 5000		75.0	15.3	27.1	91.3	15.7	95.00	•5•5	25.5	95.5	1	95.5	V.)			9.
	3:07	79.7	6 . 1	75.9	42.3	6.1	96.4	16.4	64.1	70 ·	97.4	¢7.1	>7.1	97.1		97.1
≥ 4500 ≥ 4000		- 2.1	3 (. 4	89.0	33.7	7.1	37.1	57. h	77.4	97.4		97.7	97.4 97.7	1	57.7	07.4
	4	0.4		59.3	73.5	7.4	97.4		57.7	77.7	75.1	76.1		+ 		
≥ 3500 ≥ 3000		11.6		93.6	94 • id		99.7	.,	70.7	39	99	30.4	90.4		90.4	
≥ 2500		1.4	P 3 . O	27.4	94.3	8.7	93.7	3.0		7 7	69.4	97.4	77.0	34.4	99.4	20.4
≥ 2000	4		34.5	9500	94.2		78.7	29.5	97.0	99		93.4	10.4	27.4	70.4	09.4
≥ 1800	4 . 1	21.6	3 2 . 7	\$5.6	74.	8.7	9 . 7		70.7	22.0		99.4	12.4	< 4 . 4	37.4	22.4
≥ 1500	4.	11.9	80.4	97.9	95.3	9.	92.0	19.4	C 2 . 4	74.4	- 1	99.7	10.7		99.7	55.
≥ 1200	4.	"1.9	50.4	7: . 7	45.2	79.	99.7	79.4	99.4	69.4	99.7	;9.7	12.7	59.7	39.7	04.7
≥ 1000	b	1.3	94.4	ું છે. •ું છે	73.2	39.	79.3	93.4	25.4	27.4	30.7	99.7	99.7	100.0	105.0	100.7
≥ 900	4 .	31.0	50.4	77.9	35.7	79.1	99.0	00.4	29.4	63.8	99.7	99.7	30.7	1 70.0	100.0	100.U
≥ 900	4.7	41.9	84.4	90.0	95.2	9.	39.0	19.4	99.4	34.4	99.7	79.7	96.7	1 10.cl	10:00	100.0
≥ 700	41 .	41.9	84.4	\$7.9	95.7	\$9.0	99.3	U 5 . 4	00.4	24.4	30.7	39.7	70.7	100.0	:0 ^. 7	1^^.
≥ 600	4 " • 4	11.2	13.0° p	93.9		9.0	99.0	79.4	23.4	99.4	10.7	99.7	20.7	1 '0:	140.0	100.0
≥ 500	954.	71.9	85.9	37.4	95.2	34.0	99.0	36.4	07.4	3,00 €	97.7	99.7	20.7	2 77.5	150.0	100.0
≥ 400	40.3	81.4	54.4	3,00		99.0	99.6	79.4	49.4		09,7	79.7	79.7	1220	100.0	100.0
≥ 300	4. •	F1.9	83.4	7 . 9		7.9.	43.0	79.4	30.4	17 O • 4	39.7	64.7	79.7	170.7	107.0	Louis
≥ 200	41.1	91.9		ეე.9	75.2	99.3	99.	99.4	40.4	19.4		39.7		100.0		
≥ 100	47:0	91.9		90.9	94.5	10.	99.7	99.4	φÿ.«	24.4	30.7	9.7		10.0	100.0	100.0
} ≥ 0	47.	41.9	88.4	0 . 9	35.2	^0.3	99.0	99.4	79.4	39.4	90.7	99.7	99.7	h callo	100.0	100.0

TAL NUMBER OF ORSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION BARE

PERCENTAGE FREQUENCY OF OCCURRENCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S 7)

CEILING							VI	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING		41.4	60.0	72.6	77.4	79.4	72.7	30.3	: 0 . *	40.3	50.0	73.5	-0.3	90.4	e . ?	
≥ 20000	• 4	- 3 - 5	77.5	76.5	51.5	13.9	64.2	4.5	84.5	64.6	84.8	24.5	14 6	14 .	24.3	F 4- a
≥ 18000	***	54.5	72.5	76.5	AJ.A	:3.9	54.2	(4.3	به منه ش	34.5	54.8	4.4	94.5	14 . 2	44.5	٠.
≥ 16000	74.	44.	77.6	76.5	51.5	· 3 . 9	54.2	5 Q . 8	24.3	84.0	80 5	2 4 a H	1.4.0		39.3	- 99
≥ 14000	10.1	16.3	74.2	7. • 1	83.7	*5.9	95.3	16.5	월 4 🐞 ²	86.5	20.5	85.5	36.5	16.5	P6. *	100
≥ 12000	1(F.	57.1	75.5	70.0		6.3	67.1	7.7	37.7	57.7	57.7	67.7	F7.7	£7.	67.7	9.7
≥ 10000	41.	*:3.7	70.4	63.6	02.7	-1.0	91.3	71.7	91.9	91.9	41.0	41.9	31.9	71.0	51.9	31.
≥ 9000	11.7	7:7	74.4	43.4	50.7	(1.0	91.3	11.9	51.7	01.9	91.5	01.5	91.9	510	81.5	51
≥ 8000	*	73.6	3 . 3	E4 & F	911.7	12.3	72.6	2	12.7	23.2	98.2	25.2	97.7	3.2	93.2	93.
≥ 7000	3. • 3	71.4	3 . 3	24.8	a	7.3	υ ,	7.2	- 7 · 7	73.2	57.3	93.2	1.2.2	93.00	78.7	15.9
≥ 6000	13.0	73.4	81.9	35.5	97.5	73.9	94.7	`4.4	74.5	94.5	24.5	Cu.	34.5	S & . 1,	94.1	, بدی ا
≥ 5000	7 4 6 7	4.	33.2	37.7	37.0	15.7	25.5	-4.1	75.1	35.1	35.1	2 في 2	4.5.1	· sel	91.1	200
≥ 4500	74.5	74 . 5	5 1 . 7	27.7	47.0	25.2	95.3	25.5	26.5		96.5	91.0	31.5	26.5	94.4	01
≥ 4000	74	7404	5 . 6	0.1	93.2	5. 3	96.1	76 3	96.4	25.0	30.4	66.0	31. 4	06.8	96.5	1 3
≥ 3500	3	77.5	64.2	300	0 ? . "	-5.1	9507	17.4	97.4			47.4	C7.4	77.4	57.4	r 7
≥ 3000	15.0	7000	35.5	40.0	50	: 7 . 4	39.1	3.7	90.7	93.7	33.7	95.7	92.9	90.7	76.7	1 3 2
≥ 2500	*5.	77.1	\$5.0	93.3	95.€	7.7	38.H	39.0	40.0			94.1	47.4	39.	, 9	33
≥ 2000	35.7	77.1	34.5	7 .5	95.5	.7.7	90.4	. 9.7	49.0	79.0	90.0	99.0	49.9		30.	50
≥ 1800	7.3.	77.1	85.4	6 3	95.5	17.7	90.7		79.4	0-04	50.4	y 0 . 4	17.4	39.4	79.4	Ç\$,
≥ 1500	35.	77.1	65.0	0 3	35.4	68 - 1	99.1	29.7	79.7		49.7	99.7	. 4.7	39.7	7	32
≥ 1200	7 % 🐞 4	77.1	8 . 3	9 . 3	35.00	7.E . 1	97.	30.7	70.7	59.7	99.7	99.7	77.7	79.7	.,0.0	49
≥ 1000	15.	77.2	95.0	95.3	95.4	08.1	09.4	1	100.5	139.0	lica.d	190.0	1	Lig.s	100.0	17.
≥ 900	34.	77.1	65.8	73.3	75	28.1	49.4		10000	175.0	100.0	100.0	1-7-0		100.7	1
≥ 800	:5.	77.1	95.8	95. T	23.4	15.1	79.4	100.0		1	1000	-		hac n		100
≥ 700	15.	77.1	25.8	90.3	95.5	78 - 1		100.0			130.5		1.0.0		157.0	100
≥ 600	75.5	77.1	85.8	97.3	05.	na . 1	97.4	1 30.0	100.3	1 10.3		103.0	n con	100.0	100.0	150
≥ 500	15.	77.1	85.3		25.8	78.1	99.4			100.0	100.0			1 33 . :	100.0	7 - 7
≥ 400	75.	77.1	35.8		3. 4	98 . 1	79.4	ניםר ו	100.0		ios al		107.0		127.0	an .
≥ 300	75.	77.1	85.6		75.0	78.1	99.4		100.0		100.0				100.2	
≥ 200	35.3	77.1	85.9	20.3		78 - 1	99.4				107.0				100.0	_
	79,03	77.1	85.9	90.3		98.1	97.4				130.3					
≥ 100 ≥ 0	Y 5 3			_	1 1	98.1					100.0					

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.1 23.4	63.7	63.4	75.9 31.6	77.4	78.1	78.1 65.5	7 1 • 1 85 • 5	7 1 4 1 4 5 • 5	7 - 1	74.1 55.5	78.1 85.3	7 .1	76.1 35.5	70.1 85.5	7
≥ 18000 ≥ 16000	70.1	43.6 43.6	75.8	51.6	85.5 55.5	16.1	36.1 36.1	76.1	96.1	96.1	96.1 86.1	86.1	55.1	35 · 1	24.1	14.1 Fn.
≥ 14000 ≥ 12000	7 • 1	. 0 . €	77.1	93.2	87.1	17.7	37.7	47.7	37.7	87.7	67.7	37.7	37.7	87.7 47.7	87.7	: 7.
≥ 10000 ≥ 9000	27.4	5.9 56.1	79.7	A5.2	87.1 87.1	29.7	89.7 89.7	89.7 69.7	89.7 39.7	97.1	89.7 89.7	89.7	99.7	57.7 39.7	89.7	
≥ 8000 ≥ 7000	76.	57.7 67.7	6 . 3	75.5 75.5	93.7	1.0 1.0	91.0 91.0	11.0	51.7	91.0	91.0 71.0	91.0 91.0		01.	41. °	71.
≥ 6000 ≥ 5000	36.0	65. 77.3	81.4 82.9	57.7 57.7	91.5	2.3	97.5 93.6	73.5	07.3 63.6	1	U2 - 3	53.3		1	42.3	
≥ 4500 ≥ 4000	11.4	70.7 72.9	83.2 35.5	39.4 41.6	03.2	^3.9 ^6.1	93.0 96.1	67.7 36.1	93.9	93.7	93.4	00.1	97.9	93.9	35.7	9 1 . R
≥ 1500 ≥ 3000	30.5	73.1 75.5	85.9 83.1	94.2	95.5 98.1	ેઇ•ર ધ્ક•7	96.5 98.7	76.5	98.5 99.7	99.7	96.5 98.7	26.5 25.7	76.5 43.7	76 • 5 98 • 7	96.5 90.7	36.1
≥ 2500 ≥ 2000	34.	75.4 75.8	80.4		7° • 4	39.0	99.0 99.0	79.0	99.3	79.3	99.0 99.0	99.0	99.5	79.	30.0	79.
≥ 1800 ≥ 1500	34.	76.1 76.1	89.7 89.7	74.8 94.4	98.7 96.7	19.7	99.4 99.7	79.7	99.4			49.4	. 12 . 7	79.4 77.7	97.4	30.4 20.7
≥ 1200 ≥ 1000	140	76.1 76.1	88.7 87.5	94.8 95.2			99.7 100.8	រ ាង ៤០		100.0		170.0			100.7	100.0
≥ 900 ≥ 800	34.7	76 • i 76 • i	38.60	95.2	39.0		100.6	1 0.5		190.3 183.8		170.7	1	198.1	160.0 160.0	170.0
≥ 700 ≥ 600	34.6	76.1 76.1	87.0	95.2			100.0		100.0		100.0 100.0	150.0	107.0	100.0		107.0 153.5
≥ 500 ≥ 400	34.	76.1 76.1		95.2	99.7	1 7.0		100.0	160.0	100.0	107.0	103.0	מ.רחו	100.0	100.0	1.3.0
≥ 300 ≥ 200	74.	76.1		75.7	\$7.	1,0.0		170.0	100.0	190.0	160.0	100.0	107.0	100.0		100.7
≥ 100 ≥ 0	74.	76.1	80.0	95.2 95.2	99.	The state of the s				170.0 170.0	- 1	-		100.0 100.0		

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ 4,	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7.0	62.0	63.4	74 - 5	75.5	76.4	75.0	?E • 8	74.0	76.0	76.5	75.8	76.5	70 . 1	76.4	78.0
≥ 20000	- 1	10.4		73.6	S	6.1	80.1	2001	26.1	26.01	35.1	Stol	25.1	35.1	1.25	65.41
≥ 18000 ≥ 16000	· • 1	71.	72.4	54 - 2	56.3	6.8	86.4 86.8	ેઇ.9 ઉદ્⊛ઈ	55.7 85.8	86.8	86.0	36.00 66.3	30.5	26.65 26.60	86.0 85.3	- 1
≥ 14000	6.	71.	31.07	5.8	33 1	:9.4	34.4	45.4	33.4	5 6 . 4		RRAG	52.4	59.0	68.4	
≥ 12000	21.	77.0	82.3	69.1	90.3	··2 • 7	9 7	. 7	7	6 7	90.7	90.7	4		90.7	
≥ 10000	7.4	74 . 5	84.2	5 1. i	92.9	2.4	72.0	37.6	67.6	77.5	92.4	62.6				7
≥ 9000	31.0	75.3	34.4	90.3	92.4	:2.9	97.9	32.9	22.3	92.0	97.0	92.9	62.0	,		92.9
≥ 8000	3 . 4	76.1	85.0	41.0	0.1.0	4	94.	74.2	94.2	94.2	94.7	94.2	1 4.2	94.7	94.2	. 4
≥ 7000	1	76.5	85.5	97.3	94.5	54.3	94.8	5 to 95	94.9	24.5	04.4	94.4	24.8	24.5	94.3	Ç E . r
≥ 6000	5	77.4	37.1	02.9	25.2	5.3	38.5	25.5	35.0	95.5	75.5	45.5	98.8	95.5	95.8	O. E
≥ 5000	11.1	77.1	37.7	23.4	95.6	6.1	94.1	6.1	26.1	7601	45.1	75.1	6.1	76.1	₹6.1	2001
≥ 4500	51.	79.3	a°.7	34 . 5	26.1	.7.1	97.1	77.1	97.1	97.1	97.1	97.1		97.1	97.1	1
≥ 4000	32.3	77.4		94.9	97.1	77.4	97.4	27.4	47.4	97.4	97.6	77.4			97.4	97.0
≥ 3500	3 k • 1	75.4			97.1	37.4	97.4		37.4	37.4	97.4	67.4		1		
≥ 3000		36.9	90.0	*5.8	38.1	. A . 7	93.7	₹,7	30.7	98.7	46.7	94.7		98.7		<u>" 5 . 7</u>
≥ 2500 ≥ 2000	3.7		97.3	36.1	38.4	9.	99.0	79.0	43.5	43.	99.	49.0	38.4		•	49
}	33.3		9 9	96.1	25.7	79.4	79.4	79.4	93.4	76.4	30.4	60.4	Ģ¢ a	20.4		. <u>~ 6 . e ii</u>
≥ 1800 ≥ 1500	33.3	57. 7 307	9: 3	36.1	93.7	79.4	49.4		29.4	99.4	99.4	00.4		70.4		60.4
-	3 . 7	(C)	7 - 7	55.1	98.7	19.4	20.4	79.4	30.4	44.4	4.60	79.4	63.4	30.0	27.4	29.5
≥ 1200 ≥ 1000	33.3	0.1	0 - 3	96.5	y?	29.7	99.7	99.7	09.7	99.7	99.7	59.7				99.4
	3.3	3.7	97.3	75.5	99	69.7	93.7	69.7	79.	79.7	99.7					
≥ 900 ≥ 800	33.3	0.7	90.3	C 5. 5	74.3	9.7	20	29.7	33.7	99.7	- 1			29.7		G G . 7
≥ 700	13.7	0.7	90.3	96.5		79.7	99.7	79.7	99.7	29.7	99.7	99.7	94.7		40.7	29.7
≥ 600	3.1	10.7	27.5	96.5	29.0	79.7	99.7		99.7	90.7	59.7	20.7	_		99.7	99.7
≥ 500	13.3	30.7	97.3	96.5	+3 . it	09.7	99.7	179.7	29.7	99.7	99.7	99.7		97.7	49.7	99.7
≥ 400	3.70.7	30.7	9 . 3	26.5	79.	79.7	99.7	99.7	99.7	99.7	99.7	99.7	_	09.7	97.7	94.7
≥ 300	33.7	45.7	9 ' • 3	35.5	39.	19.7	99.7	79.7	79.7	39.7	69.7	00.7	94.7	99.7	99.7	09.7
≥ 200	33.	7	2.5	94.5	99.3	19.7	99.7	29.7	23.7	94.7	60.7	99.7	99.7	99.7	99.7	9.7
≥ 100	13.5	P. (5 7	90.3	94.5	99.	9.7	99.7	09.7	69.7	99.7	94.7	99.7	167.0	100.0	100.0	100.0
≥ 0	_ <u>* • </u>	10.7	90.3	26.5	30.7	39.7	79.7	09.7	99.7	99,7	99.7	79.7	12.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	31.1	15.1	34.	52.6 87.1	93.3 ⊬3.1	5.2	13.2	77.7 73.1	58.7 58.1	*3.2 4:.1	43.7 23.1	93.2 33.1	. 1	33.1		
≥ 18000 ≥ 16000	:1.7	11.	81.7 83.4	27.4	85.4	!!	83.4 88.7	ાવ.4 લ્યુ.7	32.4 80.7	43.4		88.4	95.4			
≥ 14000 ≥ 12000	11.4	2.3	36.5	84.	91.4	17.0	97.5	70.0 91.6	91.6	98.0	\$4.0	91.6	01.0 01.6	2305	50.1 51.6	
≥ 10000 ≥ 9000	3.4	26.1	91.7	93.2 94.2	94.7	C 4 . 2	34.5	04.2	54.7	94.2	54.7	94.2	24.2	34.7		
≥ 8000 ≥ 7000	34.4	19.4	97.6		96.1		96.1	7.1	36.1 97.1	76.1			7.4.1	27.1	7.1	7.1
≥ 5000 ≥ 5000	35.4	7 3 3	94.5	76.1	97.4		77.4		97.4		97.4					37.4
≥ 4500 ≥ 4000	36.1	1.	95.7	77.7	97.7	78.7	98.7	29.5	0.5	05.7	99.7	10.7	_	73.	74	7
≥ 3500 ≥ 3000	50.	-1.4	95. R	48.1 56.4	97.4		93.4	99.4	30.5	39.7		99.7	50.7		00.1	
≥ 2500 ≥ 2000	5.	21.4		1		9.7		29.7	170.7		100.0		20.7	109.7	70.	170
≥ 1800 ≥ 1500	36.	51.4	. • .	09.4 09.4	100.0	1 .0.0		100.0	100.0	100.6	100.	101.0	155.0	1.0.1	រិក្សាក្រ ពេលស	
≥ 1200 ≥ 1000	36.01	91.6	91	09.4 9#.4	100.1	1 70.5	100.0		162.0	170.0	100.7	160.0	107.0	100.0	ໂນລີ. 1 ທິລິຕິ. ຄ	13.5
≥ 900 ≥ 800	300	91.4 91.6	25.1	35.4	100.0	1 0.0	103.0	1 . c	1.00.0	100.0		160.3	107.0	1 70 - 7	1.00.0 1.00.0	100.
≥ 700 ≥ 600	26.	21.4	20.1	08.4	170.7	100.0	100.1	175.0	107.0	130.0	130.3	1 11.7	177.3		100.3	
≥ 500 ≥ 400	36.0	71.4		70.4	177.7	1 0.7	100.0	170.3	129.3	170.0	130.0 100.0	162.3	100.0		100.0	1
≥ 300 ≥ 200	36.	91.4	\$5.3	₹ 9 0 40	170.0	1 0.5	100.0	170.0	100.0	170.0		100.7	177.0	1 10	100.7	10.0
≥ 100 ≥ 0	36.	91.4	96.1	90.4	170.0	1:7.0	100.0	מ•פרו	100.0	100.0	130.0	100.0	100.0	150.0	100.0	1 70.0

OTAL NUMBER OF OBSERVATIONS	IATO	NUMBER	OF	OBSERVATIONS		- 31	(
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13.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 114	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 😘	≥ 0
NO CEILING ≥ 20000	•	4 .	94.7	±5.6 38.1	94.5	9.	87.5 87.3	64.5	55.5	9 p . 1	36.5 89.1	14.5 44.0	30.5	r ary i		
≥ 18000 ≥ 16000	•	VI. 1	35, 7 a 7	55.7	5, 1 . 7 3 ° . 7	19.7	80.7 20.7	20.7 30.7	54.7	4 . 7 3 × 7	9: • ? 8 ? • ?	57.7 E2.7	91.7	49.7	62.7	
≥ 14000 ≥ 12000	1	6.1	63.4	nn. 7	31.3	21.3	91.5	. 7	1.7	7 .7	9 . 7 51.3	7	^ .v	21.1	55.7 71.3	
≥ 10000 ≥ 9000	12.6	17 to 18	91.6 91.9	7.6	93.6 33.0	3.0	93.5	28.6 23.0	33.6 27.8	1 ± • € 9 Z • 9	77.5	-3.6 -3.6	3 2 4	17.5 28.5	*•: 53.6	•
≥ 8000 ≥ 7000		9 . <i>1</i>	3 1 . () 9 1 . ()	74.7	95 S	24 • 5 • 5 • 2	94.5	44 E	2 2 4 4 5 5 7 5	74.5 04.5	√ n • 5 25 - 2	95 • 5 95 • 2	o., .€. 1. • 7	74 • 1 : V.	⊃a . ₹.	91. .
≥ 6000 ≥ 5000	7. 14.43	51.5	95.5	93.€ 25.\$! !	15.5 17.4	97.4	16.4 07.4	5 5 6 6 7 6	96.4 97.4	26.5 27.4	55.5	- A . € - 3 7 . 4	96.05 27.4	54.5 57.4	, 5, 2, 4
≥ 4500 ≥ 4000	14. 15.	14.0	96.5	97.4	93.4	3.4	98.4	`0.4 09.0	01.4 92.3	\$ 0 .4 70 .	93.4	3 = 44 74 = 3	* = <u>, </u>	ំ ម ១១	ंत्र± ३३±१	
≥ 3500 ≥ 3000	35.	4	97.1	94.1	1	1.60	90.0	94.0	30. Y	99 • 1	50.0 75.0	79.3	ر کو اور <u>کو دیک</u>	6.9 a.	20 m	(1) (1)
≥ 2500 ≥ 2000	10.5	4.5	77.4 97.4			9.4	99.4	39.4 35.7	77 .4 90 .7	90.7	90.4	99.41 29.7	99.4	99.4 99.7	20.4. 22.7	1.
≥ 1800 ≥ 1500	प्रामुख स्टूब	4 . K	97.4			79.7	99.7	: :	59.7 59.7	≎9.7. ≠3.1	5 ° • 7	99.7	⇒°•7	79.7	09.7	100. 100.
≥ 1200 ≥ 1000	؟ ه د . 5 ه .	****	97.4		99.7	9.7	99.7	09.7	99.7	99.1	55.7	99.7	. 30.7 53.7	14.7	99.7	∴.
≥ 900 ≥ 800	* . • ! * • • !	4 . 5	97.4 97.4		27.7	1 0 . 7	99.7 160.0	- 1		59.7 150.0	99.7 100.0	99.7 163.5		00.7	99 .7 133.8	. 9 . 1 1
≥ 700 ≥ 600	; • • •		37.4 47.4	78.7	100.7 100.0			1 17.50 176.0		196.3 198.5	150.0 188.3	130.0 130.0		100.0	120.9 2.021	1
≥ 500 ≥ 400		5 4 • S	97.4 97.4	95.7	100.0	l	188.8 188.5	100.0 100.0	100.5 180.8		1	1 0.J	100.0 100.0	Ĺ .	100.9 120.0	100. Lii
≥ 300 ≥ 200	\$	5.44 . 5 0.44 . 5	97.4	29.7 98.7	17		-	160.0 188.0	1	178.6 178.8		100.0		r ·	107.7	17). 15 in
≥ 100 ≥ 0	35.5 39.8	14.5	97.4	-	137.0 130.3			100.0 100.0			100.0					1 75 6

TOTAL MIMBE	PHOITAVESPAN SO S	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.E\$)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ %	≥ 4	2 %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	2 2	74.0	7 5 4 1	7	31.1	1.5	57.5	ે • 1 કુંદ્ર • વ	7.1	: . • 1 5 • • •	37.0 87.0	12.3	5 7	- 1	, .	- 7
≥ 18000 ≥ 14000	23.0	75.	8) • 1	7 . S	35.7	7.1	0 ° • ?	7 . 3. 7 . :	7.7	7.4	97.5 37.4	7.3	7.7	7.1	-7.7	
≥ 14000 ≥ 12000	. 4	70.1	87.5	20.2 35.3	87.6. 84.7	`*.	87.6	* * * * * * * * * * * * * * * * * * *	4	36.7	50.5	51.7	3 . 3	3â•7 80•		
≥ 10000 ≥ 9000	52.3	79.7 79.7	66.7 36.7	3 v • 2	71.5	2.1	97.	. 7) . K	72.0	93.7	92.7	7	27.1	7	
≥ 8000 ≥ 7000	. 1	1.4	87.7 97.8	9°•4 51•3	77.0	3 . 4 :4 . 4	9 * • 0 6 4 • 4		∨n•^ ⊹4•6	(α (α	34.	34.5 34.5	. 1 	4. e	4.	
≥ 6000 ≥ 5000	13•1 34•1	2.4	49.7	3.1	91 93 . I	5 . 4 '6 . 6	78.4 44.5	13.45 5.46	45.05 -6.06	05 • 5 26 • 6	55.6 34.7	36.7	7	``	15.4	•
≥ 4500 ≥ 4000	; 4: • °	-4.7	97.5 91.5	4.4	75.5	37.7	77.1	7,3	37.7	97.3 97.3	37.5	4 • • •	•	\$ 7 . 1	₩ 7. 4	•
≥ 3500 ≥ 3000	55 a 3	₹ 4. 7	91.1	94.7 95.5	77.1 57.0	95. 98.9	23.	√2.1	હ્યું ું વ દં ુ 1	95.7	97.3		, ,	.9.	19.1	
≥ 2500 ≥ 2000	2	5.4	37.4	75.7		79.3	\$7.2 29.4	40.5	ं र ् र रेप ्र	20.3	90.6 05.6	70.4 34.5	7 . L	ें ते कुस् विक्रिक्ट	9954 2656	· .
≥ 1800 ≥ 1500	50. F	6.	90.5 92.6	04.5 05.3	¥*.4 43.5	9.4	30.0		50.8 59.7	99.0 99.7	43.4 00.9	43.4	(-3 o c	20.6	
≥ 1200 ≥ 1000	14.4	· 5 • ·	92.4	95.8 20.9	79.5 73.6		90.6		00.* 90.8	5 . 7 40 . 4	50.00 55.00	99.4	33.4 5°.4	. î . :	\$6 50,9	
≥ 900 ≥ 800		-5-7	92.4 92.4	55.9 5.0		1	79.7	- 1		94. i	90.C	10.4 10.3	35.7 • 7.9	1 0 0 ()	50.9	1
≥ 700 ≥ 600	5 : • *	6.	92.4	. S . 7	95.4 43.4	9.5 /9.4	79. E	9.4	Ģ⇔•∩	99.5	42°2	99.9	-		; ; ; ; ;	i .
≥ 500 ≥ 400		6.e.	9	25.9	59.6	9.6 /9.6	30.8	79.9	03.0	20°0	00.0 00.1	45.9	43.4		1 7.	1 · ·
≥ 300 ≥ 200		16.	97.6 97.4	75.9	9 . 6 0 8 . 6	19 . 7 19 . 7	37. A	\$ \$ \$ \$ \$	34.0 70.1	94.9 94.6	99.0 99.0	99.4 99.4	50.0 50.0	147.0 170.c	117.1	1
≥ 100 ≥ 0	15.3	6.	92.6	95.9	95 . 6	9.5	99.4 94.8	79.9		49.6	90.0	- 1		100.0		1 ^ •

TOTAL NUMBER OF OSSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	· · ·	4.2	4 . 7		64 . 1	57	61.	,	7	7:00	74.2	7 74 . 3	1	7.4	77,7	,
≥ 18000 ≥ 16000		42.	4 1 7	·	55.3	60 . A	71.0	7 C	7 7 . /	74.3	74.7 74.7	74.5	7 "	74	7.	77.
≥ 14000 ≥ 12000	17.1		5° 0	34.7		70.	73.7		7 5 . 7	76.7	75.7	77.	15.0	70.	7 . 1	
≥ 10000 ≥ 9000	• 1	41.	5	101	70.7	3.1	75.7	77.7	77.7	17	70.7	72.	7	7	7,.7 	
≥ 8000 ≥ 7000	• `	47.		1.7	72.7	/>•	70.7	7	70.7	\$13.50 21.00		 			لہ. . <i>ا</i> ماہـــــ	1
≥ 6000 ≥ 5000	•	4 - 6 4 - 6	51.1	1, 3 · 3	77.7	13.7	75.3 un.a	1	. ^ . 7	1.7	21.7	/1.1		.1.7	. 17.1 . <u>14.</u> 1	
≥ 4500 ≥ 4000	1.	51.	57.7	6 % . * K1. **		79	01. 21.7	14. 44.		۶		-4.1 -5.3	ر و را ا	!		7.
≥ 3500 ≥ 3000		1 2.	5	57.7 5 .]	7 . 9	50.7 *3.*	92.7	5 • 3 10 • C	۶۰ و ۱۰ <u>ور ا</u>	* (• 7	7	i 10 - 7	, ,	7.07	7.	: .
≥ 2500 ≥ 2000	1.	3.	6.	7(.0)	70.7	1.*	94.7 15.3	7.	· ' • ^	5 g*	54.3 **.7	•		4.5 <u>1.22.</u>	و د م سعمة قد	
≥ 1800 ≥ 1500	1 - 3	3.3	6. 7	70.0	F1.7	3.3	36.3	1 . 7	3/07	<u>.</u>	71.				-1.` -2	• 1
≥ 1200 ≥ 1000	1 • 5	3.3	51.7		н1.7 61.7	. 4 .	67.0	60.5	47.7 23.7	71.7	1.7	1.7	1.4	22.	22. 22.22	
≥ 900 ≥ 800	1.1	3.7	61.0	71.7	A? . 7	.5 · C	38.7	21.7	71.7	73.7	77.7 19.3	17.7 23.1	: Y.	دوند.	34.	
≥ 700 ≥ 600	1.1	53.7	61.	71.7		5.3	59.7	• • • • •	12.7 12.7	35.7	•	⇒3.† <u>∀3.7</u>	- 7 - 24	73.7	/4 . 7 /4 . 7;	
≥ 500 ≥ 400	1.7	>3.7	61.7	71.7		5 • 7 - 5 • 7	90.0	71.0	/:•? •3•	-3.7 -4.3	54.0°	94.0	76.3	إذمننا	- 5 - 1 - 25 - 2	
≥ 300 ≥ 200	1.5	7.3.7	6i.7	71.7	37.7	5.7	30.7			44.7 34.7		95.3	7.7		34.5 46.3	30.7 33.1
≥ 100 ≥ 0	1.7	13.7	61.0	71.7		75.7 75.7	971.0 75.47	01.0 93.0	33. 1 33. 1	4.7	45 3	45.3 95.3			56.7	99.1 177.3

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

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- HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	ilBILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ 3,	≥ 4	≥ %	≥ 5 16	_ ≥ .	≥ 0
NO CEILING ≥ 20000		74.	4.'e			3.1	62.7	. ,		67.0	- 4.7 25.3	/ * * *	7,			
≥ 18000 ≥ 16000	1	7.	4	11.3		1.	. 7	15.7	, , , ,	67.		1	,	-		
≥ 14000 ≥ 12000	7	17.	40.7	7	: ·	1.	100			6.5	9d • 7	\$ 7.7		****		
≥ 10000 ≥ 9000		4	47.7	* f • ()	* 4 • 1	6.3	67.	71.	11.	7	7 7 9	7	* • * •			
≥ 8000 ≥ 7000	1 7	• •	4 .		4 6 . Y	. 7 . 7	7).	73.9	7 7 7	74.	71.07	7	•	-	• • • •	
≥ 6000 ≥ 5000	: •	4 / e	11.7	57.	£7.7	* 5.	71.7	77.1	75.7	24.7	7- •	7		• • •		
≥ 4500 ≥ 4000	•		47.	11.5	,	1.	77.7	77.7	77	7	76.	7 1				•
≥ 3500 ≥ 3000		41	53.	1.5	7 ~ 7	73.5	75.	70.7	7 . 7	,	71.	1.		•	•	•
≥ 2500 ≥ 2000	•	•	5 · · · ·	5. • 3 5.5 • 7	7: - 1	75.7	37.3	1.	1.			7.7			,	
≥ 1800 ≥ 1500			5 . 7		74.0	16 • 7 72 • 6	37.1	14 . 3	. ~ . 7	•	67.8	7,	,		•	
≥ 1200 ≥ 1000	•	, T .	5 • 7	1.15	7	ै, । 74 • .		6 . T	4 . T	4 A	30 € € 30 € €	37.				•
≥ 900 ≥ 800),• T		5 / • 7 5 / • 7	67.	7 (•	20 •	?• ?		•	7.		3	,	<u>.</u>) .
≥ 700 ≥ 600		u , •)	5	*:•	76.	*4.3		7	11.7	*7.7	%~.	974.7 94.7	•			· .
≥ 500 ≥ 400	•	45 • 3	54.7	10.1	7(70,7		7.7	**************************************	2 .	9 7	7 . 1	7	1.	•	
≥ 300 ≥ 200	•	• 1	5 • 7		74.	79.7	34 . 3 Fu . 7	7.7	27.7	90. 64.	1.7	-1. -1.f	1.7		, 3 . 5	
≥ 100 ≥ 0			7 7 7 7	6 (7.	73.7	ر الادار 1 ماري	7.7	57.7	83.		1.0	; , 7	7.7	. 5 4 . 1 . 4 . 3	

TOTAL NUA	MBER OF ORS	FEVATIONS

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ 4	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	•		27.7	7.0	44.	35.5 45.5	13.5	17.2	[54.3	10.7	(, f , ,	17.7	7.		
≥ 18000 ≥ 16000	1	77.	31.1	7	45.0	1.9	39.7 14.2	7.7.4	7,0	70.1 70.5	60.2 60.3	15.5 15.5	1.2.2 1.2.2	63.0 63.0	(7.6	
≥ 14000 ≥ 12000		70.4	31.4	77.1	47.	1	1.50 mg	7.0	4 0		21.7	1.5 6.9	17.2 14.5	63.°	24.6 65.0	7
≥ 10000 ≥ 9000		1.4	3 - 1	71.5 21.1	4 3 S	4 . ?	50.9 50.2	50.5 62.5	· · ·	1.4.E	94.5 €5.2	500		67.5 67.2	60.6	7
≥ 8000 ≥ 7000	•	72.4	31.3	¥ € 9 (• ⊼	10.	-5.5	გი.? გე.ვ	3.0 4.6	64.5 54.5	65.0° 90.0€	67.7	65.0 67.6	4	69.2 58.3		7
≥ 6000 ≥ 5000	•	7.7	36.7	51.1 6.2.5	31.3	76.7	51.7 52.9	56 17.2	13.0 53.0	67.6	6 (. C 6 (. G	71.02	77.2	70.	71.5	77.6
≥ 4500 ≥ 4000	1.1	34.1	3 - 1	# 2	53.5 S# 5	5 • 3	9 4 6 7 40 4 6	• 7	65.6 57.4	7 . ?	71.0	71.3	77.4	7 T . 1	74. T	
≥ 3500 ≥ 3000	* 3 • • • •	58 • 9 3€ • 9	7.07 43.5	44.2	5,5 • 1 5,4 • 1	74.0 -1.0	64.0 55.2	71.7	71.4	71.7	72.	72.3	75.4	71. 47 76 45	75.4 77.5	77.6
≥ 2500 ≥ 2000	4 • 4	77.5	41.5	40.2 46.2	57.7	:2•3 •3•9	67.7 67.3	72.0	77.5	74.1. 75.5	75.7		77.5	77.0 75.0	70.4	
≥ 1800 ≥ 1500	1.	37.9	41.2	41.2	57.1	73.3 63.6	600		74.0	75.6	7	77.3	7 • 3	74.1 73.5	79.5	1.00
≥ 1200 ≥ 1000	1 •	75.1	47.5	47.5	5 . 7	4.2	60°	b		75.0 77.6	7 . 3	77.0	30.0	1.5	31.7	* * • ·
≥ 900 ≥ 800		19.5		4	\$ 0 . 7 5 0 . 7	15.6		76.3	75.6 77.6	7 . 3		90.3	21.3	21.7 37.5	87.5	
≥ 700 ≥ 600		₹12.6° 70.6°	47.1	42	57.5	55.5 6 5. 5	71.0		7.00	79.5	8°•3 30•9	20.6 21.3	47.5		.4.6	
≥ 500 ≥ 400	i	\$	4 7 .1		50.5	25.0		7 . 5	75.9	5 9		02.9	5.6	35.6	85.3 96.3	7.
≥ 300 ≥ 200	1.0		47.5		20°3	: 6 • 2 : 6 • 2		79.3	79.6. 79.6.	71.7	33.5 57.3	#3.5 33.6	3 6 2		87.6	
≥ 100 ≥ 0		31.4	4 3 . 3	4 . 5	5	66.7	72.6	79.3	73.6	1.3	23.6 23.6	4.4.D	ዓቀቀ™ በጙቀየ	87.6 57.5	99.5 88.6	ក្ស. 177•8

TOTAL	MILMARA	~ ~	 HOME		 ٠

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3.	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING		? E. •	2 . 6	32.4		21.07	57.4	57.1	57.1			4:03		1 3	63.1	13.0
≥ 20000	•	75.1	37.1	35.4	47.	25 0 4	3.	*3.5	43.5	64.2	6.5.	65.7	1.5.2		26.00	. 7
≥ 18000 ≥ 16000	10	5 Q . 1	37.1		47.3	5.4	62.2	43.5	63.5 63.5	54.	15.0	65.9	55.2	46.3	60.46	67. "
≥ 14000 ≥ 12000		73.4	34.1	* 7 . 7	53.7	7.	63.0	(7.2	65.4	64.07	£7.5	67.3	0.45	64.0	60.	1.7.0
				• •	5.7.7		5.		1	67.0	69.6	69.5	77.6			
≥ 10000 ≥ 9000	6	32.4 32.1	35.3	62.5 45.4	53.0	1.3	69.5 49.5	70.0	53.4 7.0	71	77.8	70.4	7 %	73.5	7 4 . 1	77.7
≥ 8000	11.	73.	37.7	61.7	54.1	₹.3	60.1	71.	71.	72.0	7 7 . 7	75.7	74.	74.	74.3	7
≥ 7000		25.1	34.9	6 7 . 6	5.5	A4.9	71.7	7 (. 3)	73.7	77.07	7 3	76.63	75.7	75.7	76 .	7 7
≥ 6000	1.0	7.50	30.0	44.	55	7.5 · 7	7.	¥ .	7 4 7	74.7	76.4	75.4	15.7		_	77.7
≥ 5000	•	36.	4.07	4	53 • 5	47.1	74.			73.7	7 . 4	7 . 4			79.1	75.7
≥ 4500 ≥ 4000		36.6	41.0	41.6	5.0 t	67.5	74.3	~E.4	76.4	77.7	76.7	79.7	79.1	أحتما	37.4	i
		36.	1.3	47.	50.0	18.3	75.2	7 . 4	77.4		72.7	7 7		7.3.7	N	
≥ 3500 ≥ 3000		16.00	42.0	4			77.	79.1	77.1	73.7	53.4	1.4	-1.8	1.6	2.1	
≥ 2500		77.0	47.7	4 . 1	61.2	72.4	77.7	70.7	70.7	P . 4	32.1	73.1	4	67.4	02.A	12.
≥ 2000	7 m e 1	78.2	4 ? . 0	49.0	\$ P • 7	71.4	76.7	-1.4	51.4	82.1	17.5	23.8	24.1	184.1	24.5	
≥ 1800	4 • 1	18 • €		47.0	62.2	71.6	75.7	11.4	3 . A	92.1	€ 7.4	સ₹∗ટ	1	PH . 1	*4.5	45.1
≥ 1500	14.	74 .	43.7	49.7	りつ。こ		.0.1	2.1	37.0	33.5	0 5 . 1	35.1	. 4 . 5	35.5	85.4	
≥ 1200	744.9	30.0	47.07	1, 0	60.0		90.1	a	• •	43.°	: 5 • 1	0 5 0 1	15.5		05.8	3 5
≥ 1000	- 4 - 1	24.7	4 7 7	44 4	63.3	73.4	31.1	4.1	4.1	9 4 . 15		06.	* 1. 6 18	*6.	37.2	
≥ 900 ≥ 800	24 . 1	3A.7	4 4 . 3	44.7	63.3	74	81.1 37.1	4 · 1	4.1	34.5	35.5 87.5	84.5 87.5	-	1 65.4	2.7 s	7.4
		7 4 3	b 7 G			75	23.1	6.2	76.7	86.5		25.5		+		•
≥ 700 ≥ 600		3.7	44.	4 2 . 7		75	34.1		7.5	2.2	80.4	a , o	2 . 2	3	50.5	23.3
≥ 500	4.	30.5	40.3	44.7	54.7	75.7	84.5	7.5	57.2	30.0	9:00	31, 3	71.2	\$1.0	21.5	
≥ 400	24.7	* 6 . 7	44. 7	45.7	54.2	75.7	A4.5	-7.5	57.F	89.3	21.2	~1.2	11.9	32.2	97.5	77.3
≥ 300	74 . 7	33.5	44.	4 ?	04.	75.7	64.5	7.5	87.A	44.2	(92.2			43.6	74.
≥ 200	4, 7	18.5	44.3	40.7						43.05		72.5			36.5	37.4
≥ 100 ≥ 0		3 4 . 1 3 4 . 1	44.7	49.7	64 • 2 54 • 2	75.7	84.5	L	57.8			92.6	24.6	, _	-	90.0 193.5
لنسئا		12.0	770	7 7 6 7	970.	/ 7 . /	240		7 1 9 1	070	7.00	- 0	94.6	1.207	Y 7 9 3	يدوينه

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						-	VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	17.1	79.4	3: . 1	43.1	5.5	18.2	57.7	51.5	64.6	51.1 65.6	01.5	61.5	61.1	61. 69.6	\$1.5 \$3.6	11.
≥ 18000 ≥ 16000	17.	31.4	37.5	45.3	50.5	-5 . a	68.8 0.80	49.6	60°0	57.4 69.5	50.5 50.9	67.3	7 . 6	1	60.6	- 1
≥ 14000 ≥ 12000	: · • 1	2 7 . 1	42.1	50.2	50.7	57.7 70.6	77.9	77.2 74.9	72.0	72.2	77.7	77.2	72.2	7.	79.7	• • •
≥ 10000 ≥ 9000	0.4	36.5	44.7	57.2 57.5	67.0	72.9	75.9 76.3	77.0	77.5	77.5	77.7	77.5	-	77.5	77.7	77.7
≥ 8000 ≥ 7000	*****	37.4	4: • ? 44.4 • ?	34.2 55.2	67.3 70.3	74. v	77.3	79.3 30.3	77.1 -0.7	77.5	74.3	7 1 . 3	7~.3	1	79.7	
≥ 6000 ≥ 5000		4	47.7	57.7	70.0	70.6	77.3	25.06 27.09	30.8 30.9	50.5 22.5	67.5	67.0	20.0		57.5	
≥ 4500 ≥ 4000		45.1	4 • 5 5 i • 3	57.3 6.2	75.6		61.: 84.3	ີ2.ຊ 35.€	77 . W	82.06	45.6	50.8 30.8	57.7 18.8	17	52.9 55.6	
≥ 3500 ≥ 3000	* * • A	43.	51.4	63.6	77.5				4.7 °	87.	64.0	38.3	3 · 1 0 r.	19.7	49.↑ <u>30.0</u>	6
≥ 2500 ≥ 2000	1494 1494	45.7	31.7 57.9	63.9	79.4	65.6	39.7 08.6	7 1. D	30.00	73.	80.5 0.00	97.5	7	اج.٥٠	30.7 9 <u>7.5</u>	71.4.
≥ 1800 ≥ 1500	3 a 4	45.5	55.5 55.3	64.6	70.7	7.5	80.5	32.8	9 . A	97.6	52.6	72.5	7.6	63.6	િ. • કે . <u>∀ 2 • ફ</u>	12.1
≥ 1200 ≥ 1000		45.3	56.7	65.6	22.6 23.7	00.5	92 • 64 94 • 0	3	94.7 95.3	95.7	95.7	25.7	94.7	74.7	¥5.7	25.7
≥ 900 ≥ 800		45.5	55.2	6 5 , 12 6 5 , 14	83.6 83.6	?(;•3	95.0	6.7	34.7		97.0	95.3	47.0	97.0		
≥ 700 ≥ 600	34.44 34.44	45.8	55.5	65.2 65.2	84.	20.6 20.6	95.7	07.3 07.7	17.7	98.5	96.7	95.7	20.17	58.0	97.7 98.0	57.7
≥ 500 ≥ 400	4 4	45.0	55.5	66.2	84.0	00.6	96.3	56.3	98.7	99.5	99.3	93.7	58.7 96.3	99.3	98.7 99.3	04.7
≥ 300 ≥ 200	. 6. 4	45.4	56.5	56.2	34.0	0.6		18.3	98.7	99.3	- 1	163°C	1an.0	100.0 100.0	100.0	103,5
≥ 100 ≥ 0		45.1	55.5		84.7	8.0	96.3	6.3		- 1				00.0		

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ '.	2 ≤
NO CEILING	77.7	13.	4 1	5.4	6	3.0	54.0	- 1	54.7	64.7	64.7	44.7	74.7	*, 40 0 7		٠4.
≥ 20000	2007	36.	44.9	::.9	0.0	73.7	72.4	77.1	73.:		77.4					<u>_</u>
≥ 18000 ≥ 16000	16.4	35.4	47.1	56.2	69.7	71.4	73.1	73.7	73.7		74.1	74.1	74.1	74 . 1	74.1	74.
≥ 14000	16.	17.0	47.9	57.6	71.4	73.1	74.4	75.8	75.6	70.1	76.1		75.1	70.1	70.1	74.
≥ 12000	17.7	. 9 . 8	50.0	40.3	74.;	75.0	77.4			75 00	78.8	7 . 8				7.
≥ 10000	7	41.1	52.9	13.6	77.4	79.5	81.5	5	17.5	2.00	52.3	82.8	1		ارسی ما	· · ·
≥ 9000	-		5 7 . 2	14.1	77.5		21.3	22.6		5 7 . 2	23.2	11.2	7.7	73.7	9 7. 2	
≥ 8000 ≥ 7000	•	42.4	56.0	66.0	7 . 1	1.1	57.2 53.8	44.2	34.2 64.0	(1	54.5 55.3	13 Mag 5	_ 0 4 ₆ 5 e . m	45.5	4.5	9 8 8 . 3 4 .
		43.1	56.2	67.	30.5	-2.0	83.9	15.	15.7		7 - 2	23.7	45.2		15.2	•
≥ 6000 ≥ 5000	21.4	45.	5 . 1	69.1	3. 8	4.7	56.0			1 1	4.7	28.2			77.7	
≥ 4500	71.4	65.1	5 . 6	6.7.4	37.3	5.3	F7.2	28.2	64.	25.6	22.6	10 . fy	17.6	35.0	39.5	
≥ 4000	11.4	47.1	50.0	71.	84.	76.9	09.9	44.9	20.0	1 :	21.2	?		t	77.7	
≥ 3500	1.7	47.5		71.4	न्दु•्र	47.5	47.5		2.1.6	- 1	30.3	6.9	7 . 9	30.0	5 11.0	7.
≥ 3000	71.	4.5	51.7	77.4	36.5	58 • 6	91.	1.6	1.4	1	91.9	01.9				. ≦1.•
≥ 2500 ≥ 2000	2.	00.0	53.6	74.4	39.6	1.5	97 (. 97 3	4 3	97.6 94.7	74.5	\$ \$. \$ \$4.6	93.9	-	33.7	: y ₹.9 : € # . 6	
	2.	21.0	£ 6 . 3	75.5	89.0	-1.7	73.0		41.5.2	77.3	95.7	75.3		3.1	- \$ - \$	7 .
≥ 1800 ≥ 1500		31.1	64.3	75.4	7	2.3	94.3	74	25.	75.6		,			\$5.5	•
≥ 1200	-2.1	71.5	54.5	75.3	۶°°۶	2.9	95.	16 . 1	26.3	30.6	75.0	16.04	40.6	26.6	44.5	n .
≥ 1000	(•7	51.6	64.3	75.8	71.3	14.3	26.63	77.3		95.	GR .!	94.0	40.0	មក្	79.	39.
≥ 900	77.0	11.7	69.	75.5	21.1	74.3	30.6		C 0 .	78.3	3 . 3	1 - 1		69.3		
≥ 800	.2	11.5	64.3	75.6	91.	4,3	36.6		98.7	340 1	†9 <u>- 3</u>		75.3	96.3		
≥ 700 > 600	₹.	51.4 11.4	64.3	75.8	31.7	74.3	36.5	1	33.7	24.	99.	99.0		-	, 2	??,
≥ 600	2.4		84.3		61.7		96.6		} • • ₹		43.3	99.	33.0	49.1	49	<u> </u>
≥ 500 ≥ 400	2.0	1.0	64.5	75.4 75.A	91.	4 . 3	5000		77		59.3 157.0			99.3	49.3	400
	7.1	दांन	64.3	75.8	21.	-	96.5		29.7			120.0				
≥ 300 ≥ 200		.1.	64.3	7 b	91.	4 . 3	76.6		79.7				1	-	130.7	
≥ 100 ≥ 0	12.	11.5	64.3	75.0	91.3	4.3	96.5		70.						100.0	
≥ 0	· · · · · ·	- 1 -	64.5	75.5	71.1	^4,3	46.0	43.7	48.	69.7	1	2 97 • C	100.0	0.00	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						ļ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING	15.4	77.5	ک _{و ج} د بها	57.4	c(. "	7.	60.6	70.0	77.0		7:04	70.4	77.0		7 . 4	
≥ 20000	17.1	13.4	40.9		7 7	72.	74.6	7 , 9		77.0	74.9	75.9	75.9			
≥ 18000 ≥ 16000	17.5	47.1	2	31.5	7 • 6	72.0	74.7	75.3	7.4.	76.3	76.2	7: -3	76.7	76 . 3	75 • ?	
<u> </u>	27.4	4 1	4	61.5	7	72.7	74,7	75.3	76.7	76.3		76.3			76.5	74.
≥ 14000 ≥ 12000	. 1	11.1	57.7	52 • 9 55 • 6	71.9	74.5	74.9	7 % . 3	7.07	70.5	73.6	74.6	71.5	78.0	73.0	1.
≥ 10000		4 7	55.0	47.	74.0	79.7	A 3	6	13.4	63.e	- 4	P 4	44.5	44 .	4	
≥ 9000	11.1	45.4	7,5	55.2	77.	50.3	52.6		34.0	74		4.3	. 4 . 3	74	4 3	1
≥ 8000	1.1	45.	51.6	6.3.6	75.6	1.6	34.5	. 0	. 7 . 6	55.6		36.0	34.0	46	86.	
≥ 7000	21.7	46.	54.5	69.6	7	-1.6	84.1	6	19.6	35.0	ú t. • ~	51.			54.1	3 6 .
≥ 6000	77. N	47.7	56.9	59.9	7:00	61.9	74.3	.6.3	94.5	86.0	B5.3	31 . 3	Je to 🌲	54.	76.3	56.
≥ 5000	. 2 • 4	47.4	5,7.5	7 .6	77.5	2.6	35.0	44.6	9606	96.0	07.0	67.5	87.0	2.7.	F7.	
≥ 4500	. 2 • 4	42.5	51.5		F . C	3.6	86.	77.6	57.6	57.4	36.0	85.0		3 • 1	10.	•
≥ 4000	7207	45.05	\$ 4.9	72.6	*1.6	94.6		6.67	5.7 . A	88.6	85.0	54.0	45.	٢٠٠١	33.0	3.
≥ 3500	73.2	49.9	\$13.5	72.9	81.7	35.3	87.5		80.3	•		87.5	P 5 . E	27.4	89.5	
≥ 3000	23.1	*5.0	51.9	73.9	65 · 3	6.6	87.	9C.6	63.6	30.€	91.0	51.0	<u> </u>	71.0	51.3	110
≥ 2500 ≥ 2000	3.	52.4 53.9	67.5	74.6	88.7	°7.3	el.6	27.63	93.3 000 7	33.3	- 1	43.7	5 3 6 7	, 33.°°	97.7	
-	77	53.3	64.2	77.5	85.6	0.3	37.6	74.3	94.7	34.3	94.3	24 . 7	74.3	24.7	· 4 . 7	- 4 <u>- 7</u>
≥ 1800 ≥ 1500	33	33.7	64.6	1 1 7 7	57	70.3	52.6		04.3	74.3	24.7	24.7	34.7	54.7	34.7	04.7
	77.	53.9	61006	77.9	Ad	1.6	24.0		25.7	25.7	06.	95.5	74.	26.0	16.0	
≥ 1200 ≥ 1000	23.4		64.6	77.9	98	1.5	34.	65.9	95.7	3 .7	96.0	5 E . G	25.0	96.5	36 -1	1.5
≥ 900		53.7	84.5	77.0	22.5	72.3	35.1	6.7	-4.7	75.7	97.0	97.3	07.0	97.5	97.6	9 .
≥ 800	23.0	53.4	54.5	77.9	90.3	2.5	95.	26.7	95.7	76.7	97.	97.0	47.5	97.3	97.0	1570.
≥ 700	7.00	53.9	64.5	77.9	85.	72.3	25.7	26.7	96.7	96.7	97.7	97.	47.0	97.	27.0	
≥ 600	73.7	53.9	54.5	77,9	AB.D	-2.3	25.3	7.3	37.7	97.3	97.7	47.7	67.7	97.7	97.7	97.7
≥ 500	2501	34 • 2	64.7	73	36.5	.5.4	95.7	07.7	57.7	78	99.3	98.3	96.3		96.4	28.7
≥ 400	14.1	.4 . 2	84.7	7:.3	30.0	3.3	24.0	49.3	7.5.3	00-1		34.7	97.7		59.7	
≥ 300	1	.4.2	64.	74.3	85.0	03.0	96.0		30.3			49.7	99.7	(
≥ 200	"4 . 1	4.2	64.9		89.7	3.	96.5		95.3	99.7	50.7				59.7	
≥ 100 ≥ 0	7 1	×4 • 2	64.7	70.3		13.0	96.0	78.3	93.3	99.0		29.7	49.7	(170.0
2 0	. 4 • 1	54.2	64.9	79.3	<u>69.0</u>	< 3 . 3	96.0	59.3	53.3	99.	99.7	94.7	99.7	99.7	77.7	لتمتت

OTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 4	2 %	≥ %	≥ 5/16	≥ '	≥ 0
NO CEILING ≥ 20000	15.7	41.7	47.7	62.0	70.3	P. 1	71.0	71.5	71.7	72.3	72.7	72.7 72.6	77.7	77.0	7	* * * *
≥ 18000 ≥ 16000	13 . Y	42.1	5 .0	62.0	70.	72.7	75.7	76.3	71.7	77.7	70.0	73.0	7".0	75.3	76.2	79.4
≥ 14000 ≥ 12000	7	43.0	5 7 . 7	03 a 3	71.7	3.7	77.	77.7	70.7	7	70.3		77.3	79.7	79.7	
≥ 10000 ≥ 9000		47.	56.0	63.7	77.5	79.7	67.7	3.7	67.7	94.7	25.		, a . g	75.	7. 7. 3	
≥ 8000 ≥ 7000	1.7	48.3	50.7	46.7	78.0	2.3	93.7	4.7	85.7 85.7	15.	86.3	7 0 0 3		56.7	6.7	· .
≥ 4000 ≥ 5000	22.1	42.7	51.1	73.3	70.5	0.7	84.0 85.3	3.0	15.7	87.5	37.7	17.3	7 7		7.7	26.7 27.7
≥ 4500 ≥ 4000	23	51.7	57.7	72.7	81.7	3.3	36.7	18.7	99.	37.7	37.1	11.0	27.0	11.3	91.	
≥ 3500 ≥ 3000		7.0	61.3	74.3	A 7 . 7	45.	58.3 89.7	- 5 . 3 2 . 7	94.7	91.7	91.7	01.7	61.7	93.	0 7 n	
≥ 2500 ≥ 2000	23.3	52.1	62.5	76.5	34.7	7.0		71.7	92.0	75.7	74.7	. 4 . 7	24.7	.4.?	94.1	इ. र
≥ 1800 ≥ 1500	23.7	53.0	62.7	77	35.7	6 • D	91.7	72.7 32.7	93.0	\$4.7 \$4.7	95.0	95.0 95.0	35.0	95.3	45.3	•
≥ 1200 ≥ 1000		53.	67.7	77.7	86.3	-8.7	92.7	73.3	94.7	95.3 95.0	75.7	24.7	75.7	96.0	97.0	97.
≥ 900 ≥ 800	23.	53.0	57.7	77.5	86.7 56.7	99.	93.5	24.7	76.7	95.1	64.7	77.3	7 to 7	67.7	37.5	57.7
≥ 700 ≥ 400		53.0	67.7	77.0	85.7	39.7	93.7	75	25, 1	77.	97.7	97.7		98.	78.	7.5
≥ 500 ≥ 400	22.	53.0	63.7	77.3	36.7	20.0	94.3	75.7	25.3	98.3	99.7		79.0	99.3	99.7	30.
≥ 300 ≥ 200	23.7	53.	62.7	77.3	36.7	70 . 7	94.7	76.3	76.7	78.7	99.3	99.3	99.3	99.7 99.7	99.7	79.7
≥ 100 ≥ 0	23.7	53.0	62.7	77.0	86.7	911.7	94.7	76.5	96.7	98.7	99.3	79.3	20.3	79.7	99.7	49.7

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMO

3 21

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

ERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING (FEET) ≥ 10 > 14 ≥ 1% NO CEILING 23. 65.4 ≥ 20000 ≥ 18000 ≥ 16000 30.6 69. 5 ≥ 14000 ≥ 12000 6. 40.1 ≥ 10000 ≥ 9000 6000 5000 42. 77.0 77. ≥ 4500 ≥ 4000 77.8 3500 3000 74 . [.] 10.1 43.0 ≥ 2500 ≥ 2000 1800 1500 1200 39.3

89.4

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 21/2 ≥ 1% NO CEILING ≥ 20000 1. 47,5 ≥ 14000 ≥ 12000 44.0 ≥ 10000 ≥ 9000 1. 7. ≥ 8000 ≥ 7000 33.5 ≥ 6000 ≥ 5000 51. 41. 4500 4000 42. 53.2 ≥ 3500 ≥ 3000 46. 56.1 43.1 ≥ 2500 ≥ 2000 <u>></u> 1800 1200 1000 67. 71.5 1.). 71.6 66.5 69. 10. 71.6 72.3 64. 71.5 <u>≥</u> 73.6 51.0 61.3 66 . 3 72.5 1C. 31.5 61.0 67.4 74.5 *1.9 61.C 1.7.7 17.7

TOTAL NUMBER OF OBSERVATIONS 31:

CEILING VERSUS VISIBILITY

ETTIL ETSTALL IA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(FEET) ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 NO CEILING ≥ 20000	≥ 2% ≥ 2 75.6 3~6 76.1 67.6 75.2 40.6 75.2 40.6 75.2 40.6 75.2 40.6 75.1 41.6 77.1 47.6 79.1 43.6 73.7 43.6	12 42 4 4 4 5 7 4 4 5 7 4 4 5 5 4 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	4 47.1	47.7 4 45 47.7 47 47.7 47	4 63.3 57 7 69.4 57 7 69.4 57	2.1
≥ 18000	76,1 67, 75,2 46, 25,7 40, 35,7 47, 26,1 41, 78,1 47, 73,1 65, 33,7 43,	12 42 4 4 4 5 7 4 4 5 7 4 4 5 5 4 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	4 / 0 2 4 7 0 4 4 / 0 5 4 7 0 4 4 / 0 5 4 7 0 4 4 5 0 5 4 7 0 7	47.7 4 45. 47.7 47. 47.7 47.	4 63.3 57 7 69.4 57 7 69.4 57	
≥ 18000	75.2 40. 35.7 40. 35.7 47. 36.1 41. 78.1 43. 73.7 43.	3 47.2 44.7 2 45.2 44.7 4 3.2 44.6 3 44.5 45.7 2 45.5 47.7	#5.5 #7.4 #5.5 #7.4 #5.5 #7.1	47.7 47.47.47.47.47.1 47.1	7 49.4 5)
≥ 14000	35.7 40. 35.7 40. 36.1 41. 78.1 43. 78.7 43.	3 45.2 44.2 7 43.5 45.7 7 44.5 45.7	4 5 5 47 4 45 5 47 7 47 1 40	47.7 47.	7 49.4 5	3.5
≥ 14000	35. F 47. 36.1 41. 78.1 47. 73.1 43.	7 43.2 44.5 3 44.5 45.7 2 46.5 47.7	45.5 47.7 47.1 40.	40.1 47.		
≥ 12000	26 . 1 41 . 7 . 7 . 1 4 5 . 1	2 45.5 47.7	47.1 40.	1 1	1 49.1 1	
≥ 10000	78 • 1 • 7 • 1 • 3 • 1 • 5 • 5 • 7 • 7 • 7 • 7 • 7 • 7 • 7 • 7	2 45.5 47.7		include and		7.07 (7.04)
≥ 9000	13.1 43.		1 10 10 10 10 10 10 10 10 10 10 10 10 10	+		7.7 5.7
≥ 8000	33.7 43.			1 - 1 - 1	1 1	* • ⁵⁴ :: 7 • *
≥ 7000			470 510	21.3 57.		• • • • •
≥ 6000 ≥ 5000 1			20.0 51.0	52.5 54.5		-
≥ 5000	17.4 44.		51.66 57.00	1104	5 - 5 - 2 - 50	
≥ 4500 • 1 ? • 26 • 7 • 3 37 • 1	40 eg 45.		1		1 ' 1	7-1; /
1 = -300	43.7 47.			1 5 6 5 5 5 6	 +- _ _	9.7. 1.04
	41. 47.		1 4 4 1 2 1 4 3	1	4 5 - 1 ' '	P + 4,
≥ 4000 3.4 [3.2 27.1 30.7 37.4	41.3 47.		4.2 56.3	56.5		
≥ 3500 1.4 23.4 27.4 31.0 37.7	41.4 44.	-1 -4-1	54.5 55.8	i	# < C	न•्रा व
≥ 3000 5. 23.6 27.4 ¥1.7 37.7	41.0 03.			57.4 5.	7) 3 . 4	
≥ 2500	42.5 47.	1			2 / 3 • 7 6 6	1.5 SH.
≥ 2000 3 5 6 3 7 0 7 3 6 4 7 6 7	44.5 51.			1 5 3 e 3	5 620	eed to be
≥ 1800 > -7 > 6 - 1 5 > -7 > 3 - 7 41 - 17	45.2 51.			01.6	9 (3 • () 6	
≥ 1500 2, 1 26, 1 31, 1 34, 1 41, 5	ue . ; 52.			+	2 ? 3 • 3 o	: -: +: +: +: +: +: +: +: +: +: +: +: +: +:
≥ 1200	46.5 52.	_ · · · _		1	21 55 • 31 £ 3	<u>' • 1</u>
	46.4 57.			45.00 55.0	3	
≥ 900 7.5 76.6 31.6 34.8 42.7 ≥ 800 7.5 76.6 31.6 34.8 42.7			62.0 65.5	- •		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	46.1 53.					
	47.1 54.		63.9 65.5			2 4 7 2 4 3
	47.1 54.		*4.2 56.9	67.1 64.		
≥ 500 10 1 10 3 3 5 0 2 4 2 0 0 ≥ 400 4 0 7 27 0 1 31 0 3 35 0 2 4 2 0 0	47.1 54		64.5 67.1	1	1 1	
1 c d cd 1 c d d c 1 c c d	47.1 54.		56.1 69.0			2 7.4
≥ 300 ≥ 200 7 . 7 . 1 31 . 3 3 . 2 . 2 4 7 . 6	47 1 54	[*]	سيساأ بيا	1 1		7 41 3
1 2 4 34 1 24 4 25 3 4 4 1						
≥ 100 ≥ 0 7.7 ≥7.1 31.3 35.2 47.6	47.1 54.	5 41.6 63.9	67.1 72.3	71.9 77.	4 79.7 82	2.6 27. 7

OTAL	NUMBER	OF	OBSERVATIONS		11	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				<u> </u>			Vis	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ′₀	≥ 0
NO CEILING ≥ 20000		12.4	15.5	17.1	1 4.0 27.1	23.7	2 . 4	12.3	71.0	37.4	30.8	37.7	41.5	71.4	41.	4 .
≥ 18000 ≥ 16000	7.0	17.4	15.5	17.7	2 . 3	25.2	29.0 20.	77.1	33.6	37.7	37.7	47.7	47.3	42.0	40.0	47.
≥ 14000 ≥ 12000	- 2	12.9	15.5	17.7	2 . 1	78.2 75.5	20.0	37. x	54.7	70.1	4 . 3 41 . 1	43.7	,7.0	44.5	45.5	4
≥ 10000 ≥ 9000		13.0	16.1	12.4 12.8	21.0	7.1	3 . 7	74.5	76.1 36.9	41.	47.3	43.0	uh.l	47.4	42.7	
≥ 8000 ≥ 7000	10.	19.5	17.4	19.7	27.5	28.1 28.7	32.3	77.1	37.7	43.0	44.5	40.2	47.7	45.6	5.1.7	4.9
≥ 6000 ≥ 5000		15.5	19.4	21.3	24.2	30.3	31.0 34.5	77.1	57.4	44.2	40.5	43.1	7	51.	3.8	
≥ 4500 ≥ 4000	11.	15.5	19.7	20.3	25.7 25.3	*G. 1	35.7	3 2 • 7 4 2 • 7	41.0	40.5	47.4	47.7	1.7	61.	14.5	7.7
≥ 3500 ≥ 3000	12.0	17.7	21.7	23.0 25.2	26.0	72.3	36.3	41.0	47.5	40.1	51.2	57.3	7.4	74.7 53.9	54.5	~1.5
≥ 2500 ≥ 2000	1	14.4	27.7	25.8 27.4	3 . 7	74.2	37.7	43.5	45.0		5) . i	57.6	45.9	*5.5 *C.4	1,1.0	
≥ 1800 ≥ 1500	1	10.1	24.7	27.4	37.7	16.1	41.0	46.1	47.7	57.4	55.5	56.1		41.	62.3	4.7.1
≥ 1200 ≥ 1000	,	20.0	24.7	27.4	31.7	76.9	41.6	7.1	42.0	24.5	57.4 52.1	57.7	1.3	61.5	1. T. V	÷7.4 €″.1
≥ 900 ≥ 800	1	10.1	24.2	27.4	51.0 31.0	37.7	42.3	4 5 . 4	57.00 50.7	50.5	50.7	59.7	45.4	42.0	45.2	6 3 0 7
≥ 700 ≥ 600	1 5 6 7	22.7	24.5	78.1	31.	38 • 1	43.2	4 . 4	11.7	57.1	50.0	6 .3	4 7 . 7	43.0	66.5	7 .
≥ 500 ≥ 400	1101	2: • 7	24.3	73.1 74.4	32.6	18.7	43.6	50.n	11.5	57.7	60.7	61.0	15.5	64.	67.4	71.
≥ 300 ≥ 200	1	20.7	24.9	28.4 25.4	32.6	78.7	45.0	5 7	52.3	54.4	67.6	53.2	67.0	67.4 71.5	70.5 74.4	*4 . 5
≥ 100 ≥ 0	1 •	26.7	24.5	75.4 25.4	32.4	79.7	43.0	5 . 7 em. 7	52.7	63	55.5	16.5	71.7	74 . A	75.7	-

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	110	14.5	16.3	15.6	71.7	. 1	31.4	7 n • 3	10.7	43.	-1.4	41.5	41.	40.0	47.1	
≥ 18000 ≥ 16000	1.	14.1	16.1	36.5	21.6	24	31.6	10.7	4 . 7	44.5	45.1	45.4	4	47.4	4 7 , 7 6 4 , 1	3 . n
≥ 14000 ≥ 12000	.1.	1 . 3	17.1	15.3	2200	29.3	34.2	5 ° . 7	41.7	4:01	47.7	47.7	4	1.	11.5	
≥ 10000 ≥ 9000	13.	18.5	1 7	17.1	23.3	71.3	30.5	- 1 - 2 - 4 - 2	44.0	u y .	2 . 7	11.5	1.3	51.6 52.9	3.7.6	
≥ 8000 ≥ 7000	13.4	1000	27.0 2.0	23.3 23.5	25.5 25.5	3.2	30.7	- '	* 6 . 1	~1.°	52.5	72.7	7 . A.	34.7	5 4 . d	7, 5
≥ 6000 ≥ 5000	13.	1 7	2:03	21.9	25.8	53.t	37.d		4 % . **	54.5	56.1	1.3.6 21.61	14.7	57.4	58.1	56.1
≥ 4500 ≥ 4000		?"•1	21.5	21.9	27.7	25.	41.7	47.7	4	54.5	35.1	51.	56.4	57.4	54.1	,
≥ 3500 ≥ 3000	1 3	70 • 1 11 • 6	27.2	23.2	30.3	36.5	41.0		4 7	55.6° 57.49	57.41 50.1	5 7 4 5 4 5	5 3 1	5 2 . 7 5 3 . 1	59.4	11.5
≥ 2500 ≥ 2000		23.3	25.3 25.4	25 • 1 24 • 8	31.6	40.7	46.5	57.9 94.5	(∀ • € > 5 • 7	5 • 3 6 • 3	51.5	61.5	62. T	62.6 663	53.6 53.1.	. 4
≥ 1800 ≥ 1500	1	23.4	25.1 26.1	27.1	33.3	41.0	46.6	15.2 56.1	Eξ _a n Eζ _a a	63.4	64.0 85.8	64.0 65.5	4, 2 5 1, 5 . 5	66.1 67.1	55.1	£7.4
≥ 1200 ≥ 1000	s 1	23.	24.5	77.1 27.7	33.2	42.5	49.1	57.1 55.4	57.7 55.0	65.2 67.1	67.1	67.1	47.7	50.4	60.0 71.0	
≥ 900 ≥ 800	15.0	23.9 25.4	26 . N	27.7	37.7	42.0	49.	* · . 7	70.4	67.4	60.7	69.3	7.07	70.7	71.7	7
≥ 700 ≥ 600	1	23.4	26.7	17.7	33.7 33.9	42.9	49.3	7.7	50.7 50.0	67.7	6.7 . 7 7 . 3	49.71 77.7	70.3	71.3	71.6	7. • 7
≥ 500 ≥ 400	1	?3.	5.00 0.00 0.00 0.00	27.7	53.5 53.0	42.9	40.0		60.7	65.4	71.7	73.7	71.5	71.4	77.7	73.6 74.2
≥ 300 ≥ 300	1	23.4	27.1	25.1 25.1	34.7	43.2	47.4 47.4	50.€ 50.€	61.0	75.7	74.2	74.2	74.8 80.7	76.5 51.6	77.4	76.4
≥ 100 ≥ 0	1 • •	?3.°	77.1 27.1		34.7	43.2	1 - 1	· . C	+1.1	71.6	77.7	70.4	52.3 22.3	24.2	66.1 66.6	27.4 173.4

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	- • 1	14.	7.7	71.4	25 . 1	7.0	47.5	4.		40.	4 1	47.1			47.1	1
			3 0 1			35.5	44.5		7 7	10.7	•——	***		-		
≥ 18000 ≥ 16000		14.	1 : • ¥		2 4	16 . d	44.			53.6	51.7				4	
≥ 14000 ≥ 12000	i `• !	5.6	20.0	77.0	31.4	7.1	47.1		5 1 . 4		7 N o 2	54.5	12.			
		160			1				3 • 5	Stal	ا ورازه	£ ½ • -	<u> </u>	25.		
≥ 10000 ≥ 9000	1.1	10.4 10.4	21.4		₹ 2 . 3	41.3	30.3 51.3		-	50 L		1.	•	1:1.		
≥ 8000	11.0	1 . 1	23.4	27.0	₹4 , €	- 7 . 1	· 7 • 3	2-07	7.0.7	61.	el.			11.		+
≥ 7000	1	<u> </u>	24.5	71	31.7	-3.4	t.2 • 9	7.4	÷7,4	41.	100	>?•⁴	_ • €	12.0	المواتي با	
≥ 6000 > 5000		1	34.4	, ,	3(• 1	1.40	5 4 2	·	5	j	7.0	77.7		, .		
≥ 5000			25.4		7 • 1	66.	56.0			(60)	6.6.	86.3	1, 1	·		• • •
≥ 4500 ≥ 4000	13.	73.3	27.4	31.9	30.4	48.1	57.7	. 4 . 5	- 04.2 - 04.6	67.1 67.7	67.	. t 7 € 1	1.67.a.ª L.∧aa	57.7 	5 7 a 7	
≥ 3500	, 4 ,	4.7	2704	33.7	47.7	uy , h	50.7		50.1		10.2	67.7	7.7.7	4.0.	10 7	-
≥ 3000		75.04	30.0	73.	41.4	-0.3	60.7	7.7.1	67.1	•	7 . 7	7.,. ?	7 7	7, ,	,	
≥ 2500 ≥ 2000	1.5	35.7	31.7	30.1		: 0 • 7 - 3 • 7	61.0 63.	- 7.4	67.4	73.7	71.1	71.7	11.7	71.7	71.5	7.
} ∤			71.0	1	44		64.		71.	7	74.7	74 4	7.0	74	70.0	
≥ 1800 ≥ 1500		26.5	37.3	30.5	45.0	3 4 . 7	65.9	3	72.5	75.5	76.5	16.5	16.5		76.5	7
≥ 1200	11.	.7.1	3.00	7.1	44.0	75.4	67.4		74.5	70.1	75.7	71.7	7-,7	74.	7. 7	
≥ 1000	• •	77.1	37.3	****	<u> </u>	17.4	6 • 4		76.5	2000		A . 7	<u> 1 1 1 1 1 1 1 1 1 1</u>	1	لِي ﴿ لِي اللَّهِ مِنْ إِنَّ اللَّهِ مِنْ إِنَّ اللَّهِ مِنْ إِنَّا مِنْ إِنَّا مِنْ أَنَّا مِنْ أَنَّا مِنْ أَ	<u>, "l'•"</u>
≥ 900	1, . 9	7.1	32.7	37.1	43.1	57.7	7	741 . 6	77.0		,	51.3	1.6	1.6	-1.5	1.
≥ 600	1/05	7.1	37.9	77.1		77.7	77.0	, b . 8	77.7		91.5		+ ~ <u>*••</u>	<u>, : 1 • /</u> ,		
≥ 700 ≥ 600	11.4	27.1	32.9	37.1	47.1	48.1 53.1	70•7 71•6	72.4	77.4	# 3 • •		93.9 53.2		-4-3	34.	
≥ 500	3.01	7.1	33.2	3 . 0	- 1	55.7	77.3		1.1				81.1	= 4.1	50	
≥ 400	11.5	77.1	35.2	37.0	47.4	54.5	73.5		1,40	45.7	92.7	4.3	0 * . 2	43.	38.5	`
≥ 300	1	• 1	37.0	37.7	,	19.4	75.2	4 . 5	36.1	/1.	24.5			35.1	0€.1	1 - 1 - 1
≥ 200	1:05		37.7	37.7		59.4	75.5	5, 5	AC.	03.5	2 A . ?	96.3			36	6.3
≥ 100	1	77.1	33.3	37.7	1	19.4	75.5		F 61 . R		l - ,					
(≥ 0 (1 • 4	77.1	33.2	37.7	47.7	19.4	75.5	35.5	:6.07	93.2	76.2	96.3	60.		99.7	11

TOTAL NUMBER OF OBSERVATIONS

* 1

13.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)		•				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ %	≥ 4,	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	1.1.4	10.4	2		? , , ,	**************************************	4	ं • ध • • • ध	ر ا العراق	% # • ±	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•]	7 a a 3.	· u . ?	
≥ 18000 ≥ 16000		2.1	بر د م بر د - م د	5 • 1	4 (•) 4 (•)	.7.	55.1 55.1	1.7	1.1.		•		• • •		4 3 6 5 	
≥ 14000 ≥ 12000	11	1 2 0 1 23 0 1	7	1.	47.7	3.5	30.4	(3.4		: •• • ! <u>: • • • !</u>	54.7	24. ·	1	67 ₄	5.5	
≥ 10000 ≥ 9000	1	14.4	2	4.4	44.5	. ` • u	50° • 6	.7.4 .7.2	** * * * * * * * * * * * * * * * * * *	1	5 . 7	45.4	,	19.7		
≥ 8000 ≥ 7000	17.1	2 • • - 7 • 4	21.5 77.5	7.1	45.49	(>0.)	62.9 64.2	7 • 6 11 • 3	71.7	71.7	77.	1.	77.0	73.4	77.1	
≥ 6000 ≥ 5000	1 1 1	7.	57.3 57.0	57.4	47.	7.7	64.7 65.8	73.5	71.7	73.3	77.3	7 • 5	7 3	73 et	71.6	71. . 11.
≥ 4500 ≥ 4000	17.0		37.0	3 • •	5.	19.00	67.1	74.C	71.0	7, .:	75.3	7 ~ • 3 24 • 3	· · · · · · · · · · · · · · · · · · ·	700	76 • 7 27 • 2	
≥ 3500 ≥ 3000		76.5	34.4	29.7	5 h		57.4 67.6	+	7	74.5	77	77.2	, , ,	. '?. 	77.° 7.7.°	
≥ 2500 ≥ 2000		70 • 0 21 • 1	3 5 4	43.7	7.6		71.0	76.6	76.6		: 79.2 : <u>:1.1</u>	7 <u>lel</u>	* • • • • • • • • • • • • • • • • • • •	۱۵۰. <u>حمل</u> ت.	و.ه. * و1 ني.	
≥ 1800 ≥ 1500	1 -	1.	37.7	41.7	5 3 . 7 es, 9	• •	73.4	21.4	7 3 6 W	11.1	۳۰۱ چه کت	1.4	. <u></u> . <u> </u>		3 9 . 9 9 . 9	
≥ 1200 ≥ 1000	1 4	22.04 32.0	3 . 4	83.7 84.	5 7	1.6.	75.0	1.1	? } , ?	• 7 •	3(• \ <u>37 • *</u>	-7-3	1.1	7	٠٠٠٠ عو <u>ح</u>	;
≥ 900 ≥ 800	15	12.0		40	57.1	67.1	70.7	21.65	37.07	37.5 F2		<u> </u>	۰. يمب	رده کند. ده همچند م	۶۰۹۰۸ <u>ده کد</u> .	٠٠٠ سفعت ب
≥ 700 ≥ 600		32 • 6	3 .4	94.0	57.7	1,0.4	73.6	-, 9	48.7 20.8	91.4		0.7.2	1.2	ال و 1 ° معالف	' ما ' ? مغني	،،، چفتہ،
≥ 500 ≥ 400		12.0	3 - 4	uu.'	57.7	્યું . મ	() () () () () () () () () ()	.; . 9	3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 4 a 2	76.7	76.1 70.7		37.1	۰۰، 1ء[ب	-
≥ 300 ≥ 200	. •	2	₹ . a	44.0	5 . 1	٠, ٧, ٣	1.0	32.5	- 1	26 • 1 56 • 4	يه ين	7 . 1	65.7	39.3	49.4	
≥ 100 ≥ 0		12.66 12.66	3 . 4	14 kg g ()		64.7		12.	4.1	6 (, ,), 5 (, , ,)		5 6 6 4 3 6 6 4	39.0 39.0	30.	64.4	-

 	 	AN.		•

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (SI	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11%	≥ 1%	ا≤	≥ 4,	≥ %	≥ %	≥ 5 16	≥ .	≥ 0
NO CEILING	1.	7.4.	3.4	1	e].		37.3		c - •	, 50	• • •	• •		•		•
≥ 20000	1 • 1	•	2 6	3/47	4	.2.1		_	1.	* 1 • 1		. 6.1	1 4			٠.
≥ 18000 ≥ 16000			25.0	7	ilian j	1.1	10 g 1			% 3 € 1	1	, s	. 7		7.7	•
≥ 14000 ≥ 12000	1.	1 74.	77.0		ધ્ય⊹્ર યુક્તુ	1.4	5.7.0	1.1	54		5° • °		. 7			•
≥ 10000 ≥ 9000		1 4 .		7.	47.5	4 . 1			(7.	2 • 7		•	- , , , , , , , , , , , , , , , , , , ,	· - ' ' ·		
≥ 8000 ≥ 7000		2.0	1 1	77.7	4	6.7	51.1		1	7	7.	7.7		• 5		•
≥ 6000 ≥ 5000		,	37.7		4	₹€. 5	43.4		3.	7	1	7 7 9	- 1 2	•		
≥ 4500 ≥ 4000	1	•	5		57.1	<u> इंड</u> स	54.	71.7			7 . 4				76.1	
≥ 3500 ≥ 3000		• 1	3	.,	3	10.0	5.7		7	3	74.4	7 7 4		77.	,,,	
≥ 2500 ≥ 2000		1.5	3 .	45.	.		60.0	7	7.7.6	· • ••	7		•		1	•
≥ 1800 ≥ 1500		1.	3	a .	3 .6	5.	7,0,7	7 43 · 24	1.	7	•		1		1	•
≥ 1200 ≥ 1000	1	71.7	\$7.00 \$7.00	44.7	57.	67.4	74.1		3,6			, ,				
≥ 900 ≥ 800	1	11.	3.07	44.7	57.9	(D . 1	74.4	3 A 🐧	4 . 1		7.7	· C				
≥ 700 ≥ 600		31.0	35.0	44.7	e		75.0	3.1		21.1	5.3.4		·		1.7	•
≥ 500 ≥ 400	1 1	71.	3 . 1	5 ty . 7	6 .7		76.0			•	4.5	1.		-		•
≥ 300 ≥ 200	1	11.	3:	44.7	6 .	; ;	78.04		,	71.6	2 % . %	4.1	7 · 1			•
≥ 100 ≥ 0		11.	3	44.7	53.2	, <u>, , ,</u>	75.7	A1 .4	2:07	97.0	95	70.1	7,7		25 . 1	:

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ 4,	≥ %	≥ %	≥ 5/16	≥ '₄	≥ 0
NO CEILING ≥ 20000	•	1.	24.5			5.7	67.0	1.	, ,	24 • 4 5 5 • 3	· • •	5 4 5	7.7		71.	
≥ 18000 ≥ 16000	: ::.	-	25.4	7 5 . 4 3 5 . 4	43.1	ાકુ (સકુ (*	51.7	44 3	7.6	(1)						
≥ 14000 ≥ 12000	,	,	20.4	77.	4 3 7		5.7 . iq	5 7 . 5 6 . 8		1 . 1	*1.0	51.5	1	(4.5	. 7 7	
≥ 10000 ≥ 9000	11.	24.	2 . 9		12 4 g 2	1.1	50.5 50.5	1.4	6.3.0	67 55.1	5".	• • •		. 5.7.€ 43.	£~.	
≥ 8000 ≥ 7000		•	3 • 1	7	47.	3 a l	37.7 54.7	1 2 • 1 3 5 • 4	1 4 . 4.	61.47 47.0	ຍ້•ດ ຊະ.ດ	6.8 a		69.	7	7
≥ 6000 ≥ 5000	3 •		3 . 3	7 . 7	дк. мэ.Э	5.4 4.1	45.Y	41	5 0	67.		· · · · · · · · · · · · · · · · · · ·	,	,	71.3	•
≥ 4500 ≥ 4000	1	*	31.4	77.	40.	5 • 3	5		6 . 7 . , , 7	ار از از از از از از از از از از از از از	7 .7	7	, ^ , ·	/ ? •		
≥ 3500 ≥ 3000	•	•	31.4	* 7 . t.	47.5	5. 3	50. 01.3	. 4	16 • 7 17 • 5	7	7		77.7	77.03	77.5 73.5	
≥ 2500 ≥ 2000	•	73	34,	7 4 € 25 €	51.0 53.1	7.	មាន គឺ ម៉	f 1 . 3		71.4	14.1	7 . 1	74.1	74	75.1 /2.45	77.5
≥ 1800 ≥ 1500		•	7	1. ·	5 + 1 - 7 . 7	5 . 7 . s	, 7 , 3 4 & 7	***	70.7	74	74.3	70.1	71.4	10. • 4 2.7 • 2:	76.7	77.7
≥ 1200 ≥ 1000		•	34.	~ } • } 4 ! • ?	54.7 55.1	1.	65.	11.1	77.1	76.1. 71.1	17.7 75.1	7		,	 <u>د و د ر</u>	
≥ 900 ≥ 800	•			41.2	1 1	1.	57.4 67.2	7 . 1	, u	7 .6	70.0	· • •		·2 . ·]	27.5 <u>13.61</u>	
≥ 700 ≥ 400	•	!	, •	4		1 1		*	16.1	74.6	, ç 1 , 3	1 . 1	,, 6	٠ ٠ ٠٠	# . t . t; . 4	3_
≥ \$00 ≥ 400	: `• 17•	,	3/ • 7	4 6	, · • ·	2.1	8 . ∖ 0 . • 0	70 a 4 25 a 7	7:	1.0	7.2	74.4 24.8	ه .		5 6 . 1 27 . 1	, , ,
≥ 300 ≥ 300	1. •		3 . 3	40 - 1. 40 - 1	S	(2.1 2.1	6 • ·	77.4	7 . 7	, , , , , , , , , , , , , , , , , , ,	07.1	76.1		* ; •	35.5	•
≥ 100 ≥ 0	•	1 11.0	2' • 3	47.1	5.4 • ·	2.1	€ 7.60 £4.5	77.7	70.	5.1	, 7 , ti	85.0	1.5		93.7	1

TOTAL NUMBER	OF OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		•					VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		17.	21.4	24 . ? 2: . 4	32.7	5.4	41.0	44.5	42.0	47.1	44. 50.5	4	43.0	4 .	2,007	* .
≥ 18000 ≥ 16000		16.3	21.9	25.3	37.4	3.5	44.7	40.3	4 .7	52.0	33.1	53.4	54.4	14.	50.0	. 7
≥ 14000 ≥ 12000		27.5	27.2	70.2	73.7	76 . Y	44.5	11.1	51.0	4 :: • ** 3 4 • 4	56.2 55.4	5 - 4	5 . 4	55.7	50.7	7.
≥ 10000 ≥ 9000	1.1.	70.	20.1	2 .7	35.0	41.8	45.3	* \$ • \$ * \$ • \$	5.3. S	57.	56.5	5 . 7	70 .6	5. \$: ? : ?	6!
≥ 8000 ≥ 7000	11.		24.7	20.0	3 7 . · ,	43.6 84.1	49.7 50.3	5.6	50.5	55.5 59.1	50.0 6.6	0.363	*1.* *1.*	61.5	63.5	* 3 . 6.
≥ 6000 ≥ 5000	1	22.4	27.5	रहे. व १1व	36 . v	44.6 45.	50.9 52.3	54.2 57.7	37.1 30.4	51.4	67.0	61.4	16.7	42.5 64.5	55.2	14.7
≥ 4500 ≥ 4000	1 . 1	23.4	27.0	37.3	4 . 5	48.4	57.0 57.4	4,3°,4, 3°,, ⊈	59.8 59.8	62.7	7.7	64.4 64.4	30.8	1 1	56.5	
≥ 3500 ≥ 3000		24 . 4	23.7	74.4	47.	11 7.4	54.1 54.4	1 7 . E	% . 5 %1 . 7	6 1 . a	€5.0 50.0	65.2 66.4	76.7 67.2	15 ef	67.7	
≥ 2500 ≥ 2000	1 . 1	26.	31.5	30.1 35.2	45.1	40.1	56.1 20.0	~ 1 . 0	73.0 64.5	65.7 60.	67.4	67.7	71.0	71.1	77.7	71.
≥ 1800 ≥ 1500	1 1	7	31.	35.3	44.7	12.7	50.7 39.7	14.1	67.3	8.6 mg	7 . 7	70.2	71.4 73.4	71.1	77.4	75.0
≥ 1200 ≥ 1000	, ; , , ,	37.3	33.5	37.3	4 5 . C	55.3 €4.	50.0 61.5	57.1 44.3	£ 3.*	11.	77.4	77.5	74.0	16.4	75.5	7 7 7
≥ 900 ≥ 800	1 1 . 7	27.4	37.4	77.5 27.5	42.45 47.4	4 . ?	51.5 57.1	1,3.2	7	، ود : ا ه د :	75.3	75.5	77.3	77.0		76
≥ 700 ≥ 600	15.3	27.4	32.5	37.6	47.0	14.6 14.7	52.7	6 4 • 1 7 • 3	71.1	74.7	76.5	76.5	79.1	73.3 74.	77.0	6 (•)
≥ 500 ≥ 400	15.1	27.6	32.5	37.7	47.4	76.7 75.0	47.1 (3.5	7/.7	73.5	70 · *		73.	40 • 4 42 • 3	42.7	51.4 37.1	7
≥ 300 ≥ 200	1 2 0 1	27.4	37.7	37.3 77.8	47.1	5.1	68.5 53.9	72.5	74.7	75.9	F1.7	1.50	7.8 •6.3	64 . T	65.2 68.1	3 4 €
≥ 100 ≥ 0		7 • 4 3 y • 4	37.7	77.8 77.8	47.5	75.1 5.1	64.0 64.0	73.0 73.0	74.5	9	, a . ?	4.7 34.7	27.6		1	76.6

TOTAL NUMBER OF OBSERVATIONS 2475

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 5	≥ 0
NO CEILING ≥ 20000		7.1	6	7. 1		70.5	71.6	72 • 8 74 • 8	77.4 75.9	77.4		73.1	/ 7 • 2 7 7 • 6	77.5		
≥ 18000 ≥ 16000	4 T • I	,6.2 46.1	6 : . 4 6 : . 7	71.1	75.4	74.5	76.3	77.0	77.7	77.5	77.0	77.4 78.5	76.1	7	7	7 7 ?
≥ 14000 ≥ 12000	47.4 47.4	67.7	53.4	71.7	74.5 75.7	75.°	77.2 78.4	78 . 1 77 . 4	73.7	7 . 7	79.3	7 0 . 1 9 0 . 1	71.2	70.5	79.4 83.7	77.3
≥ 10000 ≥ 9000	137 . 3	50°5 58°3	77.4	74.6	77.5	79.1	37.4	1.5	51.5 21.5	5	87.3 22.5	22.3 22.7	37.7	> 3 .	99.5	: * • t
≥ 8000 ≥ 7000		73.9	72.5 74.7	74.5	77.5	11.2	37.7 82.6	: 7 • 1 5 • 6	03.8	63.5 84.4	54.3 24.7	24.7	^4. १	Я ц. (1 14 - (1)	64.5	•
≥ 6000 ≥ 5000	1 • 1	71.0	74.	77.4	!	*1.8 *3.1	93.3 84.6	74 • 3 74 • 7	1,4 gK 85 g€	85.0 85.4	6 3 • 3 2 € • 8	.5.4 36.4	7.0	27.1	98.2 27.7	7.
≥ 4500 ≥ 4000		74 · 1		79.3 00.3	21 P.	5 - 5	85.3	36.4 •7•5	65.6 87.6		€7.5 98.6	27.6 28.5	47.£	67. 2	98.0 98.0	6 4 . 6 15
≥ 3500 ≥ 3000	2.	76.4	79.4	81 • U 33 • 2	34.0 35.2	5.5	37.2 88.5	44.3 49.5	レビ ッ の 存分 。 か	8 / • 1		45 · 5	31.3	an.: Žiai	91.0	
≥ 2500 ≥ 2000	3 • 1 3 • 1	76.7	87.1 90.6	82.9	80.7 85.7	27.7	39.3 20.1	71.7	77.7 71.4		91.6	21.7 22.5	51.0 55.7	12.	22.1 22.2	
≥ 1800 ≥ 1500	3.1	77.4	30.7 30.7	33.5 83.9		***	90.7		27.0	0.7.0 Yesa	23.7	42.6	72.9	70 • 9 13 • 5	73-1 93-7	3 * • 9 3 • • <u>1</u>
≥ 1200 ≥ 1000	5 • 1 5 • 1	77.5	81.	94.1 94.1	87.4 87.6	19.2	91.7	12.7	92.5 32.5	93.8	94.0	93.6	74.5	ેલ _છ ે. - ગેલ હો!	-4.1 -4.5	in interest.
≥ 900 ≥ 800	3 . 3	77.5	81.1 81.1	24.1	67.7 87.7		91.6	32.7 33.1	9*.1 73.3	93.9 54.	94.4 94.5	74.5	74.6 54.7	54 € 5 64 € 5	95.7	• . •
≥ 700 ≥ 600	3.7	77.6		·4.2	87 • 9 57 • 9	59.7 59.8	93.5	73.7 33.5	3 % o f	94.2 94.6	74.6 94.9	04.7	95.5 95.3	95.1	95.5	96.
≥ 500 ≥ 400	3, 4	77.6	#1.2 3:.2	*4 . ? 54 . ?	87.8 57.0	29.9 20.0		73.4 74.0	24.3	75.2	95.3	95.4	95.1	75.07	95.9	96.07 56.07
≥ 300 ≥ 200	У.,	77.6	.•? 81•?	34.3	92.3	∘0.0 ∘0.0	92.3 92.3	74 • Z	94.5 94.6	95.5 95.7	96.1 95.4	96.5	76.5	96.5 97.1	96.7	\$7.2 47.8
≥ 100 ≥ 0	-3 a 3	77.5	81.2	54.3	81.	73•€ 78•3	0.00 0.00 0.00 0.00	-4 - 3 -4 - 3	4.6		56.5	96.7	97.2	97.4 77.5		

TOTAL	NUMBER	OF	OBSERVATIONS	27	1.	ų,

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAC	E FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JAN	.1	2~•			10.4						16.1	43.5	F.4	310
	34	15.1			12.1			ļ			14.2	47.7	6.8	310
	27	9.0			19.4					<u> </u>	19.4	53.2	7.6	319
	17	0.17			19.1		ļ 	-	<u> </u>	· !	19.4	53.5	7.6	310
	13	5.7			16.5		 	ļ	i 	<u> </u>	27.7	47.1	7.7	*15
	1:	8.1			25.5		ļ	<u> </u>	i		27.7	38.7	7.1	310
	17	17.7			27.1	ļ		ļ	<u>.</u> 	: :	17.7	37.4	6.2	310
	צי	22.6	<u></u>		20.3				! !		15.5	41.6	6.7	310
														
												!		
												_		
TO	TALS	14.7			25.6						19.6	45.6	7.0	2430

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER								
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
Fì	T.1	33.3			21.3						16.7	28.7	5.0	2 4 2
	74	28.4			17.1						15.6	36.9	5.7	262
	77	7.8			27.3	 					25.9	39.0	7.0	292
	1	11.7		_	20.2						26.2	41.8	7.2	282
	1 7	17.3		·	25.9						27.7	36.2	5.9	7 * 2
	16	10.6	-		24.8	ļ					10.9	33.7	5.0	5 . 5
	15	16.7			33.3						20.9	29.1	5.8	202
	22	27.7			30.9			 			16.7	24.9	4.9	232
							,							
	·													
101	AI C	19.3			25.4						22.4	33.6	6.2	2256

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAC	E FREQUENC	CY OF TENTI	HS OF TOTAL	SKY COVER				MEAN	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAR	61	38.1			21.6						15.2	25.2	4.5	_ '1:
	74	33.2			23.5						15.1	27.1	4.4	210
	37	13.7			30.0						70.4	26.5	£ . 2	310
	10	14.2			26.8						31.3	27.7	f.a	210
	1.1	11.7			21.9						39.7	27.1	f . 9	310
	1:	10.3			28.1						33.2	28.4	6.7	315
	1,	15.2			34.2					 	31.0	18.7	5.8	310
	22	31.9			27.1					ļ 	17.4	23.5	4.7	310
					-			-				1		
	-								<u> </u>		 	+	-	
		-			_ _			<u> </u>						
TO	TALS	21.0			26.7						26.8	25.6	5.8	2493

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(£.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85.
7.P.P.) 	54.7			1: .3						12.7	16.3	7.3	300
	114	53.3"			13.7						13.7	14.7	3.2	300
<u></u>		34.07			27.7						22.0	13.7	4.2	300
	1.	37.7			29.0						24.7	16.3	4.7	שרב
	1 1	21.7			33.7						27.7	18.0	5.2	300
	1:	23.			32.3					i	27.n	17.7	5.2	300
	1.,	24.3			41.3						21.3	13.0	4.5	370
	32	5/1.7			23.0			-			15.0	11.3	3.2	370
											-	-		
					+									
TO	TALS	36.8			27.7						20.3	15.1	4.2	2470

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF	TOTAL NO. OF	
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
MAY	71	69.0			17.1						я.4	5.5	1.0	310
ļ <u></u>	34	62.6			22.6						10.0	4.8	2.1	*15
	07	44.9			30.3	. —			<u> </u>		14.2	10.6	2.3	310
	1.5	41.0			31.3						17.7	9.0	3.4	310
L	13	37.4			28.7	·					22.0	11.0	4.0	315
	16	31.9			34.2						25.2	8.7	4.2	317
	1,	33.5			36.8						23.2	6.5	3.9	310
	22	51.0			23.2						8.4	6.5	7.1	31 0
 -	<u> </u>										-			
101	TALS	47.9			28.0						16.3	7.8	3.1	2495

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	CY OF TENTH	IS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JUN	- 1	76.0			13.5				ļ		7.7	3.3	1.4	370
	Ð4	62.7			26.0				,		3.7	3.0	1.8	290
	27	54.7			29.5						12.7	E . 3	2.5	30C
	10	47.3			30.7	····			ļ 1		17.7	4.7	2.9	300
	13	39.3	····		41.7						17.7	7.3	3.1	370
	16	37.3			44.3						13.3	7.0	3 • 2	310
	1 2	45.3			31.7						15.7	6.3	3.0	310
	2.2	69.3			17.0	· · · · · · · · · · · · · · · · · · ·					10.3	3.3	1.8	300
											-			
												<u> </u> 		
101	TALS	53.7			29.1						12.3	5.0	2.5	2400

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STATION NAME

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
JUL	71	97.9			5.7			ļ •		· 	6.1	1.3	1.0	310
	04	76.5			16.1			!	 		5.1	1.3	1.2	310
	27	63.1		i	22.6		i ⊢		!	!	7.1	2.3	1.5	310
	13	61.0			29.4	 	.	! 	<u> </u>	<u> </u>	9.4	1.3	1.8	31.
	13	55.7			32.3			1	: •	ļ i	10.3	2.3	2.1	31%
	16	53.9			31.6		 	; <u> </u>	: 	 	11.6	2.9	2.3	310
	19	55.2			33.2			ļ <u>.</u>		·	10.2	1.3	2.1	310
	2.2	77.7			15.5			<u> </u> 		-	5.A	1.0	1.1	310
	 							, ! 		i -	ļ	ļ	. .	
		ļ			-			ļ		ļ	 	ļ	ļ	
		 		ļ	ļ <u>.</u>						· - -	ļ		
		<u> </u>	 											
TOT	ALS	66.3		ļ	23.7						8.3	1.7	1.6	2480

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STATION NAME

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
5127	C1	77.7			13.9						5.5	1.6	1.2	210
	D4	77.7			15.2						4.8	2.3	1.1	310
	57	56			26.0						10.0	2.5	2.0	315
	10	52.4			26.8	 					11.6	3.2	2.2	310
	1 .	53.5			30.6						12.6	7.2	7.4	31%
	15	50.0			34 • 2					! !	17.3	3.5	2.5	310
	17	53.2			34.5						10.0	2.3	7.2	315
	?2	72.6			19.4						5 . A	2.3	1.3	310
	<u> </u>											:	-	
· · · · · · · · · · · · · · · · · · ·	<u></u>													
rot	ALS	63.0			25.02						9.2	2.5	1.9	245]

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-A2

HTMON	HOURS				PERCENTAG	E FREQUEN	CY OF TENTI	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
AUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
FP	71	74.7			14.3					1	6.3	4.7	1.5	370
	~u	74."			16.7					1	5.€	5.0	1.5	370
	רי	57.7	-	<u> </u>	20.3		<u> </u>				12.3	5.7	^.4	300
	10	55.3			25 • C					!	13."	6.7	2.6	3. 0
	13	49.3			31.3		! !	+			14.7	6.3	2.4	יוייד.
	1%	5~.3			27.7		 - 	-		!	14.7	5.3	2.7	570
	1.3	55.3			29.0		: 		!		11.0	4.7	3.3	200
	22	72.5			17.0					· :	6.3	4.7	1.5	3 '0
											-			
101	<u> </u> 	67.0		 	21.3	· · · · · · · · · · · · · · · · · · ·					10.4	5.4	2.2	2413

23110 LEMOORE. CA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
r1	31	03.2			16.5						10.6	9,4	?.4	*1'
	04	59.7			22.3					i	2.7	9.4	2.4	110
	37	47.7	, , , , , ,		32.9						15.1	7.	7.5	11:
	10	44.2			27.1						21.3	7.4	3.5	71:
	1,	41.S			27.1					1	22.3	7.7	7.8	31.
	16	41.9			24.9						24.5	8.4	3.8	310
	14	49.7			. 22.9						17.4	• . 1	7.2	31
	22	67.3			16.1			ļ			11.7	10.3	2.6	310
					-					<u> </u>		1		
											-		+	
					-	· · · · · · · · · · · · · · · · · · ·						-		
TOTA		50.0			24.0						17.1	9.3	3.2	248

2 310 LEMODRE. CA

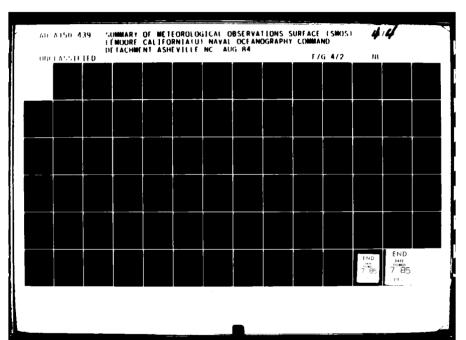
STATION NAME

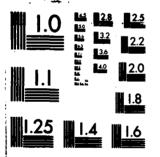
73-83

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENTI	IS OF TOTA	L SKY COVER	:			MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO 0 085
MOA	71	37.			26.7						14.7	21.7	4.3	
	7.	32.7			20.3		: 	!		;	11.3	26.7	4.6	7.5
	7	14.7		<u> </u>	2 > . 7		İ	.			23.7	29.3	?	7-
	1 `	1 . 7			27.3						24.0	30.5	<u> </u>	!'_
	1.3	19.5			30.5			+	<u> </u>]26.0 	21.0	r.7	· ·
	1+	2"•"			28.3		· •	· 			27.7	74.7		
	1 ->	31.1			30.3		· •	! 	<u></u>		22.3	17.3	4.7	
		35.7			29.n		:			i	13.7	21.7	. u . t	
									4	1		·		
			· · · · · · · · · · · · · · · · · · ·	ļ 			·	ļ ↓	+			<u> </u>		
							 	i	 	; 	: 	·	· - † -	
								·	ļ	<u> </u>				
TOT	ALS	25.7			29.1			<u> </u>	i		11.0	24.2	• • 2	24"





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23110 LEMOORE, CA

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DEC

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	_			PERCENTAC	SE FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
DEC	91	21.6			21.0						19.0	38.4	6.2	310
· · · · · · · · · · · · · · · · · · ·	04	18.7			21.9						16.1	43.2	6.4	310
	70	9.4			24.8						22.9	42.9	7.1	316
	1/3	10.0			25.5						15.8	48.7	7.1	310
	13	8.7			25.8						22.9	42.6	7.1	310
	16	12.5			28.5						23.0	36.6	6.6	339
	17	22.0			29.4						16.5	32.0	5.6	309
	22	25.2			24.9						14.2	35.6	5.6	304
			· · · · · · · · · · · · · · · · · · ·		-							-		-
TO	TALS	16.0			25.2		 				18.9	40.0	6.5	2977

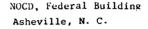
23110 LEMOORE, CA

73-82

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAC	SE FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL
	(L.S.T.)	0	1	2	3	4	5	6	7	•	9	10	SKY COVER	NO. OF OBS.
JAK	ALL	14.2		<u> </u>	20.6						19.6	45.6	7.0	2460
FEB		18.3			25.4						22.6	33.8	6.2	2256
MAR		21.7			26.7						26.5	25.6	5.8	2480
APR		36.8			27.7						20.3	15.1	4.2	2400
MAY		47.9	L		28.0						16.3	7.8	3.1	2483
JUN		53.7			29.1						12.3	5.0	2.5	2470
JUL		66.3			23.7						8.3	1.7	1.6	2489
4U6		63.0			25.2						9.2	2.6	1.9	2480
SEP	<u> </u>	60.9			23.3						10.4	5.4	2.2	2400
oCT		50.0			24.0					<u> </u>	17.1	9.0	3.2	2480
NOV		25.7			29.1			<u> </u>			21.0	24.2	5.2	2490
DEC		16.0			25.2						18.8	40.0	6.5	2477
TO	TALS	39.5			25.7						16.7	10.0	••1	29213



PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

- b. Extreme minimum temperature
- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

'.OTE: A percentage frequency in this table of ".O" represents one or more occurrences amounting to less than .O5 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $(\sum X^2)$, sums of values $(\sum X)$, means (\overline{X}) , and standard deviations (σx) . The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

rerecutage frequence, of occurrence of dry-tult temperature versus wind direction - This tabulation is lerived from hours, observations and is presented to month and annual, all hours and years combined. In many only of the summary consists of dry out temperatures spread vertically in four degree increase as and hours attained against all directions (plus calm).

2711C LEMBORE, CA

61-32

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F) JAN. FEB. MAR. APR. MAY JUN. AUG. OCT. DEC. JUL. ANNUAL 1.3 1.6 9.1 1.7 • !} 105 A. 3 15.9 30.0 11.2 100 4.9 24.1 54.8 11.4 . 3 16.7 44.0 68.3 1.6 80.7 33.9 21.2 Σ 92.5 86.4 33. 55.9 15.3 20.9 6.3 64.0 • 2 95.6 6.5 54.2 82.2 98.4 78.3 32.8 3 - . 7 1.5 15.7 99.4 92.1 47.1 |≥ : : 31.4 72.7 94.6 130.0 55.4 6.4 • 1 1.0 6.5 54.2 98.6 |≥ 4.5 50.5 86.5 99.7 98.5 72.6 14.6 18.6 • 6 62.3 71.6 37.6 70.0 94.8 99.8 99.7 88.3 31.2 Z . : 17.3 100.0 2.1 77.9 #5.6 98.3 170.0 53.2 P . 4 [≥ + 5 100.0 11.1 38.6 64.5 *1.2 60 85.6 96.5 99.5 99.7 74.7 26.1 66.6 25.4 50.4 92.Q 84.5 ≥ 55 86.2 97.1 99.4 100.0 100.0 49.6 74.6 95.3 74.5 97.5 99.7 150.0 98.5 45 99.5 130.0 79.7 90.7 94.3 ≥ 87.9 97.9 94.7 100.0 [≥ 40 98.3 100.0 99.8 130.0 100.0 100.0 100.0 ≥ ≥ ≥ l≥ l≥ ≥ 2 Ì≥ 070h 740Y 8501 Y208 YY0Z Y609 9805 8003 6505 5403 70522 90183 90287 80881 5071 60482 70482 80589 80255 70487 17.723 7.273 -645 S. D. 635 682 668 6FZ 56" 630 651 TOTAL OSS 651

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2 11

LEMUDRE, CA

61-82

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

"INIM3"

TE	MP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥	75							1.5	1.9	• 2				• ?
≥	7.						7.0	10.2	9.5	1.5				• 1
≥	8. 5						13.3	32.3	27.0	7.7	• 1			5.9
2	6.5				. 5	8.4	36.5	68.0	60.7	32.0	3.8			17.8
≥	5.5		. 3	. d	3.5	25.5		92.2	91.2	61.7	17.7	1.4	. 3	31.5
≥	50	4.3	7.3	8.3	14.6	61.6	92.4	99.7	99.1	87.4	44.1	8.8	3.4	44.7
≥	45	13.1	21.6	24.4	41.6	86.0	99.4	100.0	100.0	97.4	72.1	27.9	10.6	58.2
≥	4.0	31.2	49.4	55.1	76.2	96.8	100.0			130.0	90.8	52.9	27.3	73.5
≥	१९	52.7	73.7	83.1	95.7	99.7					98.1	77.1	53.0	86.1
2	3~	79.4	91.7	97.5	100.0	100.0					99.9		80.0	95.1
≥	25	01.7	99,3	99.7								99.1	94.0	98.6
≥	20	79.4	100.0	100.0							100.0		79.7	99.7
≥ .	15	99.8											100.0	107.0
≥	1.1	100.0												100.0
≥ ```														
2														
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	MEAN	35.65	3702	40.4	43.5	31.II	37.6	62.2	61.6	36.4	48.3	40.0	35.4	47.6
	\$. D.	7.516		6.034					3.580				7.024	11.431
to	TAL OSS.	651	593	651	630	651	430	668	682	660	682	.40	681	7839

DAILY TEMPERATURES

2 1 L MODRE, CA 61-62

STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F) JUN. AUG. ANNUAL 3.6 2.3 • 6 10.3 24.7 17.4 2.6 4.7 29.0 63.2 49.9 17.1 6.1 14.1 1.3 18.9 52.5 89.4 80.5 43.9 7.6 24.7 *1.6 79.8 98.7 72.2 76.3 100.0 0.0 97.2 75.9 22.7 3 . . 6 51.0 : 5 22.2 99.9 94.5 45.7 3.4 18.7 48.7 88.8 99.8 100.0 99.7 74.9 15.5 1.0 55.2 8.9 6.0 66.5 75.1 97.5 170.0 150.0 94.4 42.9 : 5 27.5 45.9 9.4 94.3 100.0 24.1 54.3 79.6 99.1 69.5 22.2 79.0 97.4 99.7 99.7 89.5 51.4 89.7 45 89.4 50.1 97. 100.0 100.0 82.8 99.2 99.8 100.0 93.3 4] 26.5 100.0 100.0 98.8 99.9 69.4 170.0 99.9 170.0 100.0 9-3 5101 5402 5405 6503 7504 8004 7404 7307 6405 5300 4402 -0121 50493 50564 60474 60466 60630 40440 50363 50779 60572 60102 50780 \$. D. 593 651 640 631 630 568 682 56 652 TOTAL OBS.

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DAILY AVERAGE/EXTREME TEMPERATURES

27110

<u>L</u>IMODOE, 14

1962-1983

YEARH.

STATION

STATION NAME

YEARS

MONTH

T	MEAN TE	MP		М	AXIMUM TE	MP				IINIMUM TE	MP	
Γ	AVERAG		AVERA	GE	EXTR	EME		AVERAGE		EXTRI	EME	
DAY	°F.	°c	° F	°c	°F	°c	DATE		°c	°F	°c	DATE
1	877.3	4.9	48.9	9.4	63	17.2	1980	33.0	• 6	الد	-6.1	1970
2	1.5	5.3	49.8	9.9	59	15.0	1983	33,1	• 6	20	-6.7	1976
3	12.2	5.7	50.6	10.3	62	16.7	1961	33.2	1.0	23	-5.0	197
4	-2.3	5.6	50.6	10.3	5 %	14.4	1975*	33.3	.7	20	-6.7	197)
5	43.6	6.4	51.9	11.1	63	17.2	1973	35.3	1.8	22	-5.6	1973
6	42.2	5.7	51.7	10.9	64	17.8	1963	32.8	. 4	2	-6.7	1977
7	-2.5	5.8	51.6	10.9	64	17,8	1975	33.3	. 7	2.	-6.7	1973
_ 8	14.2	6.6	93.3	11.8	65	18.3	1978+	35.0	1.7	25	-3.9	1982
9	::4	7.2	53.7	12.1	6 5	20.0	1963	36.1	2.3	24	-4.4	1964
10	43.4	7,4	53.8	12.1	66	18.9	1967	37.0	2.5	27	-2.3	1982
	47.43	7.4	C4.0	12.2	66	18.9	1980	36.6	2.6	24	-4.4	1964
12	4 % • 2	7.9	55.2	12.9	71	21.7	1980	37.1	2.8	23	-6.7	1943
13	45.	7.8	-5.3	12.9	69	20.6	1981	36 . 8	2.7	15	-9.4	1963
14	4 . 4	7.4	54.6	12.6	69	20.6	1981	36.2	2.3	13	-7.8	1963
15	44.02	7.9	56.0	13.3	75	23.0	1974	36.3	2.4	20	-6.7	1963
16	46.	5.2	\$6.0	13.3	72	22.2	1977	37.6	3.1	₹ <u>7</u>	-6.7	1943
17	45.5	8.1	:5.5	13.1	71	21.7	1981	37.6	3.1	2.7	-6.7	1963
18	46.3	7.9	35.5	13.1	74	23.3	1981	37.1	2.8	7	-6.7	1963
19	46.7	8.3	56.3	13.3	78	25.6	1981	37.7	3.2	22	-5.6	1963
20	47.2	8.4	56.5	13.6	73	22.8	1981	37.9	3 . 3	19	-7.2	1963
21	a 7 . 2	3.4	57.5	14.2	72	22.2	1961	37.0	2.8	.22	-5.6	1963
22	44.2	7.9	56.9	13.9	71	21.7	1970	35.5	1.9	22	-5.6	1963
23	46.3	7.9	57.7	14.3	74	23.3	1970	34.9	1.6	14	-10.0	1962
24	45.0	7.7	56.5	13.6	6.8	20.0	1975	35.3	1.8	21	-6.1	1962
25	45.6	7.6	57.5	14.2	72	22.2	1975	33.7	.9	24	-4 . 4	1946
26	46.3	7.9	56.6	13.7	56	19.9	1976+	35.9	2.2	5.6	-1.7	1971
27	45.6	7.6	55.6	13.1	6.8	20.0	1981	35.6	2.0	76	-3.3	1979
28	45.5	7.5	55.2	12.0	71	21.7	1976	35.7	2.1	24	-4.4	1968
29	45.65	7.5	55.3	12.9	73	21.1	1976	35.6	2.0	23	-5.0	1979
30	45.3	7.7		12.6	66	18.7	1976	37.0	2.8	25	-3.9	1975
31	45.7	7.8	54.9	12.7	72	22.2	1976	37.2	2.9	28	-3.3	1975
Monthly	45.1	7.3	54.5	12.5	78	25.6	1981	35.7	2 • 1	14	-10-0	1962

*ALSO ON EARLIER YEARS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2 115 E

LUMODYF. DA

1962-1983

FERR.IARY

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		М	AXIMUM TE	MP			N	INIMUM TEI	MP	
	AVERA	3E	AVERAC	E	EXTR	EME		AVERAGE		EXTRE	ME	
DAY	°F	° c	°F	°c	°F	°c	DATE	°F _	°c	°F	°c	DATE
1	4 6	â • 1	5.5	13.1	73	22.3	1976	37.7	3.2	5.3	-1.7	1972
2	46.7	8.3	56.3	13.5	75	23.9	1976	37.4	3.0	28	-2.2	1972
3	47.7	8.4	59.2	14.6	75	23.0	1976	36.1	2.3	25	-3.9	1972
4	41.5	9.2	56.4	14.7	74	23.3	1963	32 .8	3.8	26	-2.2	1979
5	45.2	9.6	58.6	14.8	7 8	25.6	1963	39.7	4.3	27	-2.8	1982
- 6	49.1	9.5	58.3	14.6	72	22.2	1963	40.0	4 . 4	29	-1.7	1992
7	43.2	9.6	60.5	15.6	7.2	22.2	1963	38.4	3.6	28	-2. 2	1964
8	10.3	10.1	51.0	16.1	72	22.2	1975	39.4	4.1	29	-1.7	1985
9	10.6	10.3	50.9	15.5	6?	19.4	1980	41.2	5.1	28	-2.2	1964
10	5:.7	10-4	51.0	15.1	7.2	22.2	1974	40.5	4.7	29	-1.7	1965
11	0.5	19.3	52.0	16.7	74	23.3	1972	39.1	3.9	24	-4 .4	1965
12	1 • 1	10.6	62.5	16.9	7.2	22.2	1981	39.7	4 . 3	25	-3.9	1965
13	1.5	13.8	62.4	16.9	7.2	22.2	1977+	40.6	4.3	27	-2.8	1966
14	51.	11.0	63.2	17.3	73	22.8	1977+	40.4	4 . 7	25	-3.9	1966
15	1.3	10.7	63.3	17.4	0.1	27.2	1977	39.4	4 . 1	25	-3.9	1964
16	50.4	10.4	62.8	17.1	79	26.1	1977	38.9	3.8	24	-4.4	1966
17	1.6	10.9	63.5	17.5	74	23.3	1977	39.6	4.2	24	-4.4	1964
18	100	10.9	64.5	18.1	80	26.7	1977	38.6	3.7	28	-2.2	1964
19	52.4	11.6	65.0	19.3	0.8	26.7	1977	40.5	4.7	301	-1.1	1964
20	<1.·/	11.1	f 4 . 4	18.0	77	25.0	1982	39.5	4.2	31	6	1964
21	53.1	11.7	67.1	19.5	81	27.2	1982	39.1	3.9	28	-2.2	1971
22	2.6	11.4	65.5	18.6	79	26.1	1981	39.7	4.3	23	-2.2	1975
23	12.5	11.4	65.5	18.6	8.2	27.8	1981	39.7	4.3	3.2	• ગ	19750
24	53.0	11.7	46.5	19.2	76	24.4	1970	39.5	4.2	28	-2.2	1965
25	52.7	11.5	55.7	18.7	77	25.	1974	39.6	4.2	31	6	1977~
26	12.2	11.2	.5.6	18.7	75	23.9	1977	38.6	3.8	25	-3.9	1964
27	13.7	11.9	\$6.5	19.2	79	26.1	1972	40.4	4,7	21	-6.1	1971
28	3.4	11.9	65.9	18.8	80	26.7	1975	40.8	4.9	25	-3.9	1971
29	74.1	12.3	25.6	13.7	76	24.4	1965	42.6	5.9	3.2	<u>.</u>	1964
30												
31												
Monthly	51.0	10.6	52.5	16.9	8.2	27.9	1981	30.4	4.1	21	-6.1	1971

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

2 TEL LIMOTRE, CA 1962-1983 A.C.
STATION STATION NAME YEARS MONTH

	MEAN T	EMP		N	AXIMUM TE	MP			1	MINIMUM TE	MP	
j	AVER	AGE	AVERA	GE	EXTR	EME		AVERAG	E	EXTR	EME	
DAY	° F	°c	°F	°c	_°F	°c	DATE	°F.	°c	°F	_°c	DATE
1	5.7	11.5	63.9	17.7	6.2	27.8	1975	41.5	5.3	_2 €	-2.2	1971
2	- 1 • 4.	10.5	63.1	17.3	75	23.4	1972	39.9	4,4	22	-5.6	1971
3_	្សា. 🤊	10.3	63.3	17.2	76	24.4	19720	35.0	3.3	2.3	-3.9	1966
4	1.1	19.6	63.9	17.7	8.1	27.2	1968	38.4	3.6	2.3	-5.	1966
5	72.1	11.2	54.6	18.1	8.3	28.3	1972	39.6	4.2	58	-2.2	1967
_ 6	\$2.7	11.5	66.6	19.2	A 3	28.3	1977	38.8	3.8	26	-3.3	1971
7	3.5	11.9	56.5	19.2	84	28.9	1972	40.5	4.7	71	6	1371
8	53.	12.2	67.3	19.6	84	23.9	1972	47.5	4.7	25	-7.9	1964
9	4 , 4	12.4	67.6	19.8	7 8	25.6	19790	41.3	5.2	2.6	-1.7	1944
10	"4.2	12.3	65.3	18.5	80	26.7	1983	43.2	6.2	3.3	.6	1971
11	4 . 5	12.5	46.5	19.2	77	25.0	19812	42.5	5.8	*	-1.1	19/4
12	4 . ?	12.3	65.8	18.8	76	24.4	1983	42.7	5.9	75	1.7	1976
13	50.0	11.6		18.7	70	24.1	1972	45.1	4.5	28	-2.2	1977
14	7.4	11.3	45.5	19.6	79	25.6	1972	39.3	4 . 1	30	-1.1	1077
15	13.5	11.9	67.4	19.7	84	28.9	1972	39.6	4.2	3.3	.6	1973
16	15.4	13.0	69.3	20.7	83	31.7	1972	41.5	5.3	₹1.	1.1	1973
17	4.6	12.6	68.5	20.3	97	32.2	1972	47.4	4.9	₹2	-1.1	1946
18	14.D	12.2		19.7	8 2	27.8	1972	47.6	3.4	• 0	-1.1	1973
19	53.3	12.1	63.5	20.3	73	26.1	1972	39.~	3.0	7.0	-1.1	10-
20_	4.4	12.4	69.5	20 · R	8.3	28.3	1972	39.4	4.1	?2	• -	197
21	5.1	12.8	69.5	20.8	3 3	23.3	1963	40.7	4.2	34	1.1	194
22	5 . 3	12.9	69.3	20.7	81	27.2	1977=	41.2	5.1	7.1	6	1973
23	.4.6	12.6	58.4	20.2	7 ?	25.6	1966	47.3	4.9	7.3	. 6	1006
24	54.1	12.7	59.7	20.9	7 3	25.6	197"	40.0	4 , 4	7.3	. 6	1963
25	ິ5•ີ)	12.8	69.6	20.3	77.	25.6	1966	41.4	5.0	51	6	1967-
26	75.1	12.8		20.3	77	26.1	1969	41.8	5.4	₹2	•€	1977
27	56.7	13.7	70.7	21.5	87	26.7	19694	42.8	6.0	27	-2.5	1972
28	5.6	13.1	70.3	21.3	84	28,9	1969	91.7	5.0	32	•0	1972
29	56.07	13.7	72.4	22.4	8.6	30.0	19694	41.0	5.0	₹7)	-1.1	1975
30	57.	14.0	72.2	22.3	8.9	31.1	1768	42.2	5.7	37	-1.1	1967
31	55.05	13.6	70.5	21.4	87	31.7	1966	42.5	5.8	72	•0	1977
Monthly	4.7	12.3	67.6	19.8	9 -	32.7	1072	40.7	4.8	22	-5.6	1971

*ALSO ON EARLIER YEARS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

	MEAN T	EMP			AXIMUM TE	MP			M	INIMUM TE	MP	
	AVERA	AGE	AVERA	GE	EXTR	EME		AVERAG	E	EXTR	ME	
DAY	°F	_°c	° F	°c	° F	°c	DATE	°F	°c	°F	°c	DATE
1	4.7	12.4	5 . 0	20.0	9.0	32.2	1965	40.7	4.8	*	-1.1	1967
2	54.	12.7	69.1	20.5	87	30.6	1965	40.4	4.7	'1	6	1963
3	-5.5	13.1	71.0	21.7	83	31.1	1966	42.0	4 . 4	* 3	. 6	1973
4	57.5	14.2	72.8	22.7	86	37.0	1571	42.2	5.7	7.2	•	1973
5	19.2	15.1	74.4	23.6	91	32.2	1971	43.9	5.6	7 4	3.3	1973
6	56.7	13.8	70.5	21.4	8 :	31.7	1977	43.3	6.3	35	1.7	1964
7	50.0	13.4	71.1	21.7	93	33.^	1977	41.3	5.2	32	.0	1975
8	57.1	13.9	73.0	22.3	8.5	29.4	1974	41.3	5.7	7.3	.6	1967
9	57.7	14.1	72.1	22.3	87	37.6	1968	42.5	5.8	54,	2.2	1977
10	64.1	14.5	72.3	22.4	9.3	32.2	1963	44.	6.7	3.7	2.8	1975
31	57.	14.4	73.6	23.1	91	32 • "	1968	42.3	5.7	7.7	2.8	195
12	50.6	15.3	75.8	24.3	91	32 • 6	1962	43.5	6.4	₹6	2.2	1953
13		15.3	75.3	24.1	94	34.4	1962	43.6	6.4	7.5	1.7	1923
14	<u> </u>	15.5	74.8	23.3	9 *	33.3	1962	45 - 1	7.3	36	2.2	1983:
15	- 4	15.2	75.1	23.9	94	34.4	1964	43.7	6.5	* 2	•5]	1975
16		15.2	76.2	24.6	95	35.	1966	47.5	5 . 2	70	-1.1	1967
17	* 1 a a	15.2	75.1	23.9	92	33. ?	1980	43.6	5.4	3.3	1.7	1976
18	57.6	14.2	71.7	22.1	ç ^	32.2	1962	43.5	5.4	3.2	٠,٥	1979
19		14.6	72.7	22.6	86	30.0	1983	43.6	5.4	31	1.7	1967
20	•	14.7	74.4	23.6	97	30.6	1977	42.6	5.9	* 2	•^_	10.0
21	<u> </u>	14.5	75.8	24.3	8.8	31.1	1977#	42.0	5.5	3.3	.6	1971
22	-50.5	15.8	77.4	25.2	90	32.2	1962	43.7	5.5	3.5	1.7	1971
23	. 7	15.9	77.9	25.5	97	36.1	1962	43.6	6.4	36	2.2	195
24	51.0	16.6	77.2	25.1	92	33.3	1966	46.7	9.2	36	3 - 3	1971 0
25	3 3	15.7	76.7	24.4	95	35. "	1966	44.7	7.1	36	2.2	1969"
26	1	15.2	76.7	24.8	92	33.3	19734	45.5	7.5	3.6	3.3	19750
27	62.8	17.1	79.6	26.4	97	36.1	1965	46.	7.8	7.7	2.8	1970
28	43.6	17.6	79.9	26.6	99	37.2	1965	47.2	9.4	33	.6	1370
29	3.3	17.4	°C • 2	26.9	100	37.8	1981	46.5	8.1	30	-1.1	1967
30	64.	10.2	11.8	27.7	102	38.9	1981	47.8	8.9	35	1.7	1967
31												
Monthly	59.1	15.1	74.7	23.7	102	39.9	1981	43.6	6.4	73	-1-1	1967

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

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 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN T	EMP		М	AXIMUM TE	MP				MINIMUM TEI	ИP	
	AVERA	GE	AVERA	GE	EXTR	EME		AVERAG	E	EXTRE	ME	
DAY	°F	°c	°F	°c	° F	°c	DATE	°F	°c	٥F	°c	DATE
1	4.0	17.8	90.7	27.1	95	35.	1981	47.3	3.5	34	1 - 1	146
2	16.2	17.9	21.6	27.6	99	37.2	1966	46.5	8.2	₹ C	1.7	1964
3	15.2	18.4	72.3	27.	102	39.9	1966	48.	8.9	34	1.1	19/4
4	4 . 5	17.8	79.2	26.2	9.0	32.2	1980*	46.7	9.3	3.5	1.7	19:4
5	2 • 2	16.8	76.0	25.5	92	33.3	1962	46.3	7.9	4.0	1.7	1964
6		16.7	77.9	25.5	9.7	33.3	1962	46.2	7.9	77	2.3	1977
7	4 • 2	17.9	51.5	27.2	97	36.1	19744	47.5	8.6	77	2.68	1964
8	5 + 2	19.4	2.	27.8	99	37.7	1974	48.5	7.2	i 0	3.7	1044
9	5.3	18.5	8 • 5	26.0	97	33.3	19740	5 ^ . 5	10.0	3 .	3 • 5	1979
10	-5.5	18.6	1.5	27.5	96	35.6	1969	47.4	9.7	4.1	5.0	1953
11	45	18.8	.5.9	28.3	77	36.1	1360	48.7	9.3		₹.9	1947
12	67.3	19.6	64.6	29.2	102	39.9	1976	5 ~ . C	10.0	4.5	4.4	1963
13	\$ £	20.3	°6.1	37.1	105	40.6	1976	50.9	1 . 5	7.0	3 • 3	1967
14		20.6	25.8	29.9	104	40.0	1972	57.4	11.3	4 %	6.7	1967
15	5 . 2	27.4	6.7	30.4	102	32.9	1972	50.9	10.5	44	6.7	198
16	# ₃ % • 1	20.2	6.1	30.1	99	37.7	1973	57.5	10.3	43	6.1	1677
17	F 9 . 6	20.9	-8.5	31.4	100	37.8	1973#	5 7 . 8	10.4	4.3	5.1	1977
18	70.7	21.5	80.0	31.7	103	39.4	1973	57.4	11.3	4.1	5 . [1383
19	TO • 1	21.3	7.8	31.	99	37.2	1973	52.2	11.6	4.7	5.6	1974
20	20.5	20.8	47.5	39.5	102	39.0	1966	52.1	11.2	3.7	2 • 4	1963
21	5 · • 7	20.4	15.5	29.7	101	39.3	1967	5.2.	11.1	43	5.1	1975
22	67.	20.7	36.6	32.3	104	4B.0	1967	52.	11.1	45	7.2	1963
23	75.	21.2	7.4	30.3	102	34.0	1967	53.0	11.7	4.2	5.6	198
24	45.9	21.1	7.1	37.6	102	38.9	1982	52.	11.6	45	4.4	198-
25	i • -	21.7	38.7	31.2	102	39.9	1982	53.7	12.1	3.7	2.A	10c)
26	71.5	21.9	-8.4	31.3	104	4 0.€	1974	54.6	12.6	41	5.0	1963
27	15 • B	21.6	97.2	37.7	107	41.7	1974	54.5	12.5	4 .	7.8	1987
28	11.5	21.9	3.8	31.5	104	40.0	1983	54.3	12.4	46	7.8	197
29	77.02	22.3	3.98	31.9	107	41.	1973	55.	12.8	46	7.8	1976
30	12.	22.5	99.5	32.5	104	40.0	1075	54.5	12.5	04	6.7	1967
31	19.2	22.3	F4.8	32.1	103	39.4	1975	54.5	12.5	43	6.1	1942
Monthly	6 • 1	23.1	5.1	29.5	107	41.7	19740	51.0	10.6	34	1.1	1967

*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

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 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN 1	ГЕМР		M	AXIMUM TE	MP			M	INIMUM TE	MP	
1 1	AVER	AGE	AVERA	GE	EXTRE	ME		AVERAG	E	EXTR	EME	
DAY	° F	°c	°F	_°c	°F	°c	DATE	°F_	°c	°F	°C	DATE
1		.72.2	8.9	31.6	1 11	39.3	1979	55.2	12.9	4.4	€.7	1971
2		72.3	34.1	31.7	177	39.4	1979*	55.4	1:.0	46	7.8	1971
3	71.7	22.2	39.3	31.5	102	35.9	1979 1	54.6	12.	46	7.8	1967
4	••	72.7	71.1	32.	121	32.7	1081"	54.6	12.5	4 4	6.7	1962
5	7 ÷ . ₹	23.5	1.5	33.1	107	41.7	1981	57.1	13.9	46	7.8	1982
6	د _و با `	23.7	ე1.2	32.0	197	41.7	1973	5 4 . 1	14.5	47	8.3	176 = -
7		23.4	1.2	32.7	רמו	41.7	1977	57.3	14.1	4.3	5.9	175
8		22.6	80.7	32.1	104	41.1	1973	55.6	13.1	4.7	8.3	1964
9	·· . 3	22.4	8.58	32.1	105	40.6	1973	56.7	13.9	43	A . Q	1967
10		22.3	€.5	31.4	105	43.6	1075	55.6	13.1	43	6.1	1967
11	72.5	22.5	80.9	32.2	10%	42.0	1979	55.2	12.9	43	2.9	1976
12	1.2	22.9	7 . 3	32.4	100	42.	1079	56.1	13.4	4.5	3.9	1307
13	3	23.2	0.9	32.7	175	40.6	1975	56 · H	13.8	5.0	10.0	1980
14	10.1	23.4	15.9	32.7	11.8	42.2	1765	57.3	14.1	4.0	9.4	19AL
15	15.4	24.1	73.7	34.3	173	42.2	1966	57.1	13.9	47	3.3	1973
16	6.	24.7	24.7	34.2	107	41.7	1963	58.3	14.6	49	9.4	1965
17	5.	.4.6	93.6	34.2	195	40.6	1963	59.7	14 . A	۴.	10.0	1973
18	-6	24.4	3.3	34.1	106	41.1	1968	58.7	14.8	49	9.4	1273
19	. 7.1	25.1	75.3	35.2	106	41.1	1962	59.0	15.D	49	9.4	1764
20	7	25.6	96.3	35.7	108	42.2	1973	59.6	15.3	51	10.6	1975
21	77.3	25.4	76.2	35,7	112	44.4	1973	59.4	15.2	< 1	10.6	1963
22	7:01	25.6	76.8	36.	109	42.0	1981	59.3	15.2	5.1	10.6	1970
23	77.1	75.1	24.8	34.7	107	41.7	1964	59.4	15.2	5	10.0	1963
24	-5.7	24.5	24.7	34.8	110	43.3	1964	53.7	14.0	4.5	5.9	1943
25	77. 7	25.2	73.2	35.1	111	43.9	1977	59.4	15.2	49	↑.4	1975
26	`7.	25.0	75.3	35.2	10 %	41.1	19810	58.8	14.9	49	9.4	1974
27	77.	25.2	25.8	35.4	111	43. 7	1976	58.8	14.9	5.1	10.6	1944
28	70.5	25.6	96.7	35.9	112	44.4	1976	59.3	15.2	50	10.0	1969
29	77.0	25.1	74.8	34.9	107	91.7	1977	59.7	15.4	47	3 . 3	1763
30	70.	24.9	75.1	35.1	111	43.7	1972	50.8	14.9	٠,٥	10.0	1968.
31	I						I					
Monthly	75	24.0		33.A	112	44.4	1976	57.6	14.2	43	6.1	1947

*ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

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STATION STATION NAME YEARS MONTH

· · · · · ·	MEAN T	EMP		M	AXIMUM TE	MP			N	AINIMUM TEI	MP	
İ	AVERA	GE	AVERA	GE	EXTR	EME		AVERAG	E	EXTRE	ME	
DAY	° F	°c	°F	°c	° F	°c	DATE	°F	°c	°F	°c	DATE
1	7.5	25.3	95.8	35.4	110	43.3	1972	59.3	15.2	5.3	11.7	1973
2	*6.8	24.9	74.0	34.4	137	41.7	1967	59.6	15.3	47	8.3	1963
3	7.5	25.3	45.5	35.3	11	43.3	1967	59.4	15.2	5.2	10.0	1966
4	78.4	25.8	97.0	36.1	117	43.3	1967	59.8	15.4	4 3	8.9	1954
5	77.6	26.6	28.3	36.5	111	43.	1968	61.3	16.3	4.2	11.1	1964
6	75.7	?6.1	97.7	36.5	104	40.7	1968*	6 ೧ • 2	15.7	5.2	11.1	1960
7	77.~	25.5	?6.1	35.6	102	39.9	1967	59.7	15.4	53	11.7	1973
8	70.1	25.7	96.5	35.8	154	40.C	1965	60.1	15.6	5.3	11.7	1983
9	7 . 7	25.9	96.7	3= 0	107	41.7	1978	67.7	15.9	4 8	8.9	1943
10	77.1	26.2	^7.9	36.6	105	41.1	1973	60.4	15.7	5.3	11.7	198
11	70.7	76.5	58.8	37.1	106	41.1	1968#	611.6	15.9	5.2	11.1	1971
12	• 3	26.7	9.8	37.1	11	43.3	1967	61.1	10.2	5.1	10.6	Jave
13	1.3	27.2	1 '0.0	37.8	117	43.3	1972#	62.0	16.7	5.2	11-1	1952
14		27.8	151.3	30.5	113	45.7	1972	62.8	17.1	e 4	12.2	1766
15	. ot₁	27.8	100.2	37.	112	44.4	1972	63.8	17.7	5.4	12.2	1966
16	1.	27.4	29.3	37.4	103	42.2	1979	63.3	17.4	5.2	11.1	1943
17	3.61	26.3	8.6	37.0	107	41.7	1977	62.1	10.7	54	17.2	1042 +
18	1.2	27.3	09.7	37.6	108	42.2	1961	62.8	17.1	5.5	12.5	1963
19	1.5	27.6	1'0.0	37.5	111	43.	1965	63.1	17.3	۲5	12.8	198
20	• 0	27.2	79.1	37.3	109	42.	1963	62.7	17.1	5.3	11.7	1972
21	10.4	27.0	99.0	37.2	103	42.	1969	67.2	16-	6.5	11.1	1073
22	1.8	27.7	1 1.3	39.3	1/15	42.2	1767	62.5	16.9	56	13.3	1973
23	2.7	78.2	1 1 - 2	32.8	108	42.2	1 ~ 7 4	63.4	17.4	5.5	12	1975
24	1.3	27.9	101.0	30.3	108	42.2	1975₽	63.7	17.6	- 25	12.8	1973
25	^ Z • D	27.8	100.4	39.0	103	42.2	1975*	63.6	17.6	- 55	12.8	19#3
26	2	28 • 1	101.7	38.7	113	45.n	1975	63.6	17.6	5.4	12.2	1463
27	2.4	28.2	101.5	38.6	10 3	42.7	1987#	64.1	17.8	5.4	12.2	1972
28	3.1	28.3	101.5	38.6	100	42 . *	1983	54.5	18.1	56	13.3	1979
29	2.7	29.2	1 0.9	38.3	1.0	42.2	1780	64.6	19.1	57	13.9	1967
30	1.3	27.4	98.4	36.5	1 5	41.1	1977	54.1	17.8	6.4	12.2	1961
31	1.	27.4	1'0.0	37.8	77.7	41.7	1979	62.8	17.1	55	12.8	1961
Monthly	0.5	27.0	29.	37.2	117	45.	1975 >	62.1	16.7	47	8.3	1963

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

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 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN	TEMP		M	AXIMUM TE	MP	т Т			MINIMUM TEI	MP	
	AVER	AGE	AVERA	AGE	EXTR	EME		AVERA	GE	EXTRE	ME	
DAY	° F	°c	°F	°c	° F	°c	DATE	°F	°c	_ °F	°C	DATE_
1	1.3	27.7	100.5	38.1	107	41.7	1979"	63.3	17.4	56	13.3	1975 .
2	2.	28.1	1 1.3	39.5	110	43.3	1971	63.7	17.6	5.7	13.9	1992=
3	1.5	27.6	99.9	37.7	107	41.7	1975	63.3	17.4	51	10.6	1963
4	35.9	27.2	79.2	37.3	1 19	42.3	1975	62.7	17.1	5.5	12.8	1963
5	10.3	26.8	99.	37.2	108	42.2	1978	51.7	16.5	56	13.3	19684
6	1.2	27.3	79.5	37.5	117	43.3	1978	62.8	17.1	96	13.3	1962
7		27.8	99.2	37.3	109	42.2	1983	64.3	16.2	54	12.2	1975
8	1.	27.7	79.9	37.7	109	42.4	1981	63.8	17.7	56	13.3	1975
9	7.2	27.9	100.3	37.7	108	42.2	1981*	64.2	17.9	5.3	14.4	1973
10	2.9	29.3	130.1	37.8	103	42.7	1971	65.8	18.8	<u> </u>	11.7	1973
11	1.8	27.7	99.1	37.3	106	41.1	1971	64.6	18.1	56	13.3	1962
12	1.	27.2	78.1	36.7	108	42.2	1957	63.8	17.7	e <u>s</u>	12.8	1964
13	7 . 1	? <u>2</u>	96.1	35.6	108	42.2	1967	12.0	16.7	55	12.8	1963
14	77.8	25.4	94.7	34.4	109	42.3	1967	61.0	16.1	<u> </u>	10.6	1980
15	75.3	26.3	96.7	35.9	112	44,4	1967	62.	16.7	52	11.1	1972
16	7,0	25.6	97.6	36.4	109	42.2	1967	62.0	16.7	51	10.6	1972
17	75.5	26.4	7.0	36.4	108	42.2	1967	62.0	16.7	4.6	8.9	1968
18	77.5	25.1	96.1	35.6	111	43.9	1967	61.9	16.6	53	12.2	1963
19		25.5	94.4	34.7	111	43.7	1967	61.4	16.3	53	- 14 0 4	1963
20	77.7	25.0	94.3	34.6	106	41.1	1967	59.6	15.3	52	11.7	1965
21	77.3	25.4 25.2	75.7	34.9	104	40.0	1967	59.8	15.4	51	10.6	1968
23	•7.3	25.2	94.8	35.	104	40.0	1982	39.7	15.4	48	8.9	1973
24	77.0	25.0	74.3	34.6	105	40.6	1974	59.8	15.4	48	2.9	1963
25	17.6	25.1	94.8	34.9	105	40.6	1974	60.3	13.7	52	11.1	1963
26	-6.7	24.4	93.8	34.3	105	40.6	1967	50.7	14.8	99	9.4	1963
27	76.2	24.6	74.6	34.6	104	40.0	19670	57.0	14.4	57	10.0	1966
28	77.7	25.4	95.5	35.3	105	41.1	1981	57.9	15.5	53	11.7	198
29	77.4	25.2	75.1	35.1	104	42.7	1981+	59.7	15.4	48	8.9	1962
30	76.4	24.7	93.7	34.3	107	41.7	1968	59.1	15.1	50	10.0	1966
31	76.1	29.6	93.5	34.2	138	42.2	1967	59.0	15.0	52	11.1	1963
Monthly	79.3	26.3	76.9	36.1	112	44.4	1967	61.6	16.4	48	0.9	1973*

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

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 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN TE	MP		M	AXIMUM TE	MP		·	M	INIMUM TEN	AP	
	AVERAC	SE	AVERA	3E	EXTRE	ME		AVERAG	Ε	EXTRE	ME	
DAY	° F	°c	°F	°C	°F	°c _	DATE	°F	°c	°F	°c	DATE
1	76.	24.4	73.7	34 . 3	103	37.4	1976	58.3	14.6	4.3	8.9	1971
2	77.4	25.2	95.1	35.1	175	40.6	1976	59.7	15.4	4.5	8.9	1944
3	*7.4	25.2	96.0	35.6	102	38.9	1976=	58.8	14.0	6 8	5.9	1944
4	76.5	24.7	93.4	34.1	1/23	39.4	1975	59.6	15.3	50	10.0	1962
5	77.5	25.3	95.0	35.0	105	40.6	1975	59.9	15.5	51	10.6	151.
6	77.2	25.1	94.5	34.7	107	41.7	1977	59.9	15.5	47	8.3	1964
7	76.	24.7	94.2	34.6	105	41.1	1977	58.7	14.8	47	8.3	1964
8	76.	74.4	~3.C	33. 3	106	42.2	1982	59.7	15.0	97	8.3	1978
9	76.8	24.9	93.8	34.3	100	40.0	1977	59.8	15.4	49	9.4	1965
10	15.7	24.3	53.€	33.9	102	38.9	1971=	58.4	14.7	4.2	11.1	1961
11	*5.4	24.1	72.8	33.3	101	38.3	19814	58.0	14.4	46	7.8	1972
12	75.4	24.1	72.9	33.8	176	41.1	1983	58.0	14.4	49	9.4	1066
13	73.5	23.1	90.7	32.5	136	41.1	1971	56.3	13.5	4.4	6.7	1975
14	72.3	22.4	89.1	31.7	136	41.1	1971	55.4	13.0	4.0	6.7	198
15	72.0	22.7	20.5	32.5	107	41.7	1971	55.3	12.9	42	5.6	197
16	72.3	22.7	89.8	32.1	105	40.6	1971	56.7	13.3	46	7.8	197
17	72.5	22.5	88.7	31.5	102	38.9	1979	56.3	13.5	4.9	9.9	1977
18	71.9	22.2	°6.8	37.4	102	31.9	1968	57.0	13.9	46	7.8	1961
19	70.7	21.5	P6.7	30.4	73	36.7	1974+	54.7	12.6	4.3	6.1	1978
20	70.0	21.1	27.0	30.6	100	37.8	1967	5 .0	11.7	4.3	6.1	1979
21	69.8	21.0	87.2	30.7	99	37.2	1974	52.3	11.3	41	5.0	1968
22	1.4	21.9	89.1	31.7	100	37.A	1974	53.7	12.1	42	5.6	1955
23	71.4	21.9	89.4	31.3	100	37.8	1974	53.4	11.9	45	7.2	1966
24	7.7 - 8	22.7	97.1	32.3	99	37.2	19740	55.5	13.1	49	9.4	1973
25	72.3	22.4	8.7	31.5	101	38.3	1978	56.0	13.3	4.8	8.9	1973
26	72.0	22.2	୫୨.ପ	31.7	105	40.6	1963	35.1	12.8	47	6.3	1971
27	72.0	22.2	8.5	31.4	103	39.4	1963	55.5	13.1	48	3.9	1962
28	71.5	21.9	5 8 • 0	31.1	99	37.2	1970	55.0	12.6	4.5	7.2	1971
29	7. 9	21.6	°5.6	29.8	100	37.8	1969	56.0	13.3	44	6.7	1985
30	10.1	21.2	6.5	37.3	98	36.7	1978	53.9	12.2	41	5.0	1982
31												
Monthly	73.6	23.1	90.6	32.6	107	41.7	1977=	\$6.6	13.7	41	5.0	1982

*ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

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L-MOGRE,

1961-1953

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STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		M	AXIMUM TE	MP				WINIMUM TE	MP	
	AVERAC	3€	AVERA	GE	EXTR	EME		AVERAC	E	EXTRE	ME	
DAY	° F	°c	°F	°c	°F_	°¢ .	DATE	°F	°c	°F_	°c	DATE
1	7. 64	21.3	77.7	37.6	100	37.A	1983	53.a	12.1	4 3	6.1	1982
2	₹0.7	21.2	27.3	37.7	100	37.8	1980	53.2	11.8	40	4.4	1971
3	59.7	27.9	<u> </u>	29.6	100	37.8	1980	54.2	12.3	42	5.6	1973
4	75.0	21.1	-6.6	37.3	102	38.9	1987	53.3	11.8	4 4	6.7	1973
5	£9.7	20.9	-6.3	30.2	98	36.7	1980	53.1	11.7	4.2	5.6	1959
6	40.D	20.6	56.4	30.2	96	35.6	1971	51.5	10.8	39	3.9	1962
7	67.2	19.6	92.6	28.1	97	36.1	1971	51.9	11.1	4.0	9.9	1967
8	16.4	19.1	02.5	28.1	99	37.2	1983	50.3	10.2	40	4 , 4	1970
9	67.2	19.6	23.3	28.5	98	36.7	1971	51.1	10.6	3.8	3.3	1961
10	67.3	19.6	83.4	28.5	94	34.4	1971*	51.2	10.7	37	2.8	1961
11	6.6	19.2	2.6	28.1	9.3	33. 2	1964	50.7	10.4	45	4.4	1973
12	66.	19.4	2.7	28.2	97	36.1	1964	51.0	10.6	36	3.3	1981
13	6.	13.9	52.1	27.8	96	35.6	1978	49.9	9.9	39	3.9	1961
14	15.3	18.5	81.5	27.5	97	37.2	1978	49.1	9.5	*6	2.2	1966
15	14.6	18.1	°0.3	26.8	101	38.3	1961	49.0	9.4	38	3 . 3	1962
16	3.5	17.5	70.1	26.2	96	35.6	1961	47.9	8,8	33	3.3	1966
17	∕ 3 • 3	17.4	79.8	26.6	95	35.0	1974	46.8	8 . 2	36	2.2	1962
18	52.5	17.2	79.7	26.5	94	34.4	1961	46.2	7.9	34	1.1	1971
19	4.6	19.1	<u>-1.2</u>	27.3	90	32.2	1981	48.0	8.9	36	2.2	1969
20	3 . 1	17.2	75.5	25.8	90	32.2	1764	47.5	8.6	36	2.2	1969
21	2.5	16.9	78.3	25.7	93	33.9	1964	46.7	8 . 2	37	2.8	1969
22	2.7	17.1	79.0	25.1	90	32.2	1965	46.5	8-1	35	1.7	1961
23	42.0	16.7	78.7	25.6	94	34.4	1965	46.3	7.8	23	-1.1	1951
24	12.0	16.7	77.7	25.4	91	32.5	1966	46.2	7.9	3.3	. 6	1975
25	42.D	16.7	77.9	25.5	93	33.0	1966	46.2	7.9	.33	.6	1971
26	17.	15.6	75.0	23.9	88	31.1	1983	46.3	7.8	34	1.1	1971
27	59.8	15.4	74.7	23.7	87	31.7	1983	45.0	7.2	35	1.7	1975
28	50.9	15.5	75.3	24.1	91	32.8	1968	44.5	5,9	33	.6	1970
29	53.2	19.6	72.8	22.7	86	30.0	1965	43.7	6.5	30	-1.1	1971
30	57.2	14.0	72.2	22.3	86	30.0	1965	42.3	3.7	24	-4.4	1971
31	5:.3	14.4	73.7	23.2	96	30.0	1980+	92.3	5.7	32	• C	1972-
Monthly	(4.5	18.1	30.4	26.7	10.2	38.9	1986	48.5	9.2	24	-9.9	1971

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

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 L H0097, FA
 1761-1983
 NOVERE*

 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN T	EMP		N	AXIMUM TE	MP	·		M	IINIMUM TE	MP	
	AVERA	GE	AVERAC	3E	EXTR	EME		AVERAG	Ε	EXTRI	ME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
	7 5 • 2	14.6	74.6	23.7	87	30.6	1962	41.0	5.5	7.5	-2.2	1971
2	C 2 • ₹	14.6	74.1	23.4	8 t	30.0	1966	42.3	5.7	29	-1.7	1971
3	r8.5	14.7	74.7	23.7	83	28.3	1962	42.3	5.7	34	1.1	1971
4	58.5	14.7	73.3	22.9	8.5	29.4	1983	43.6	6.4	27	-2.6	1973
5	57.7	14.3	71.5	21.9	83	28.3	1987	43,9	6.6	7.3	. 6	1973
6	56.5	13.6	70.0	21.1	8 2	27.8	1978*	43.0	6.1	36	2.2	1974=
7	87.3	14.1	71.9	22.2	83	28.3	1980	42.7	5.9	32	•0	1977
8	55.7	13.7	79.9	21.5	81	27.2	1978*	42.5	5.8	72	• ^	1963
9	55.0	13.3	70.3	21.3	80	26.7	1978#	41.8	5.4	3.3	. 6	1975 >
10	50.1	13.4	69.1	20.6	81	27.2	1973	43.7	6.1	7.3	-6	1966
11	55.	13.2	67.8	19.9	77	25•₽	1962	43.7	6.5	34	1.1	1992
12	-4.7	12.6	67.3	19.6	77	25.8	1981+	42.3	5.6	71	6	1975
13	r3.7	12.1	65.7	18.7	7 0	25.6	1969	41.7	5.4	3.3	- 6	1961
14	£4 • □	12.2	56.2	19.0	87	26.7	1967	41.A	5.4	30	-1.1	19783
15	53.7	12.1	65.7	18.7	79	26.1	1981	41.6	5.3	3.0	-1.1	1978
16	12.3	11.3	63.9	17.7	79	26.1	1981	40,8	4.9	27	-2.8	1971
17	72.6	11.4	64.1	17.8	7 a	25.6	1967	41.1	5+1	27	-2.8	19710
18	70 • 4	10.2	43.2	17.3	74	23.3	1966	37.6	3 - 1	5.5	-5.6	1961
19	49.5	9.8	-2.6	17.0	7:	25.6	1966	36.5	2.5	25	-3.9	1964
20	40.8	9.9	52.5	16.0	76	24.4	1974	37.2	2.9	24	-4.4	1964
21	17.5	9.7	51.3	16.3	71	21.7	1981	37.6	3 . 1	25	-3.9	1964
22	47.9	9.9	40.6	15.9	73	22.8	1980	39.2	4 • C	2.9	-2.2	1963
23	47.7	9.8	50.2	15.7	75	23.9	1981	39.3	4 - 1	30	-1.1	1974
24	40.1	9.5	61.0	16.1	71	21.7	1974	37.1	2.8	.77	-2·A	1966
25	44.2	9.0	59.0	15.0	60	20.6	1977*	37.5	3.1	76	-3.3	1966
26	47.3	8.5	59.2	15.1	70	21.1	1962	35.5	1.9	76	-3.3	1964
27	47.7	8.7	59.4	15.2	67	19.4	1982*	36.0	2.2	24	-4.4	1969
28	47.5	8.6	58.4	14.7	66	18.9	1970	36.4	2.6	22	-5.6	1969
29	47.6	3.7	59.8	15.4	69	20.6	1980	35.4	1.9	24	-3.3	1975-
30	47.7	8.8	54.4	14.7	7.2	22.2	1973	37.4	3.0	23	-5.0	19690
31												
Monthly	52.	11.6	55.6	18.7	87	30.6	1962	40.1	4.5	22	-5.6	19690

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

2 310 LTM007E, CA 1961-1983 CCEMBET

STATION STATION NAME YEARS MONTH

	MEAN TE	MP		M	AXIMUM TE	MP			N	INIMUM TE	MP	
	AVERAG	iE	AVERAC	3E	EXTR	EME		AVERAG	E	EXTRE	ME	
DAY	° F	°c	°F	°c	°F	°c_	DATE	°F	°c	°F	°c	DATE
1	24.5.44	9.1	53	14.6	6.8	20.0	1983	39.5	3.5	26	-1.7	1963
2	47.3	8.5	57.9	14.4	71	21.7	1979	36.7	2.6	24	-4.4	1759
3	47.6	8.7	56.3	14.6	7.	25.0	1979	36.7	2.7	76	-3.3	1959
4	45.7	8.2	57.1	13.9	67	20.6	1279	36.2	2.3	7.4	-4.4	1968
5	45	7.7	15.6	13.1	67	19.4	1962	36.0	2.2	25	-3.0	1973
6	4: . 2	7.3	54.6	12.6	60	27.7	1966	35.7	2.1	2.3	-2.2	1975
7	4 5	7.5	54.8	12.7	62	27.6	1979	36.2	2.3	24	-4.4	1972
8	14.5	6.9	54.3	12.4	74	23.3	1979	34.7	1.5	22	-5.6	1970
9	-4.5	6.9	54.7	12.6	67	19.4	1979	39.3	1.3	73	-5 .	1971
10	4 4 0 12	7.0	54.8	12.7	65	18.3	1983	34.4	1.3	23	-5.	198
11	44.	7.1	54.7	12.6	6.5	18.3	1969	34.6	1.6	24	-4.4	198
12	-3.5	6.4	54.3	12.4	6.7	20.6	1969	32.7	. 4	22	-5.6	146
13	4 .	6.7	54.3	12.4	7.7	21.1	1069	33.7	• 9	74	-4.4	1963
14	4.3	6.8	54.0	12.2	75	23.9	1962	34.5	1.4	23	+5.0	1967
15	34.5	7.2	55.2	12.7	77	25.	1 065	39.7	1.	24	-4.4	1980
16	- 4 - 5	6.9	£4.8	12.7	69	20.6	1987	34.3	1.3	23	-5.0	1967
17	4 . 1	7.3	55.2	12.0	66	18.9	1983-	34,9	1.6	21	-6.1	1974
18	44	7.0	55.0	12.3	71	21.7	1979	34.3	1.3	2: [-6.7	1971
19	95.2	7.3	54.7	12.6	80	26.7	1981	35.7	2.1	21	-6.1	1975
20	45.0	7,9	<u> 55.7</u>	13.2	72	22.2	1969	36.3	2.4	72	-5.6	1971
21	4 - 2	7.9	54.9	12.7	6	20 e	1969	37.5	3.1	72	-5.6	1968
22	4 . 4	8.0	54.8	12.7	7:	22.2	1964	38.1	3.4	22	-5.6	1968
23	45,7	7.6	[4.2	12.3	73	22.2	1964	37.3	2.9	22	-5.6	1965
24	40.1	7.8	54.3	12.4	73	22.*	1964	37.8	3.2	75	-3.9	1974
25	45.1	7.3	54.0	12.2	6.7	19.4	1983	36.2	2.3	24	-4.4	1962
26	. 4 . 5	6.9	52.4	11.3	57	15.7	1983*	36.5	2.5	2 %	-6.7	1962
27	45.0	7.2	53.8	12.1	63	17.2	1983	36.2	2.3	10	-7.8	1962
28	45.0	7.2	53.3	11.8	66	18.9	1477	36.8	2.7	22	-5.6	1962
29	44.6	7.0	c 3 . 4	11.7	6 ,8	20.0	1977	35.8	2.1	19	-7.2	1962
30	14.7	6.7	.2.4	11.3	66	16.9	1981	35.7	2.1	24	-4,4	1969
31	42.2	3.7	50.1	10.1	60	15.6	1979	34.2	1.2	21	-5.7	1978
Monthly	45.2	7.3	54.7	12.6	80	26.7	1981	35,7	2.1	1.6	-7.8	1962

*ALSO ON EARLIER YEARS

EXTREME VALUES

MAXIMUM TEMPERATURE

27110 STATION

K

LEMOOR", CA

61-32

FROM DAILY OBSERVATIONS

STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51								135	101	101		R5	·
6.2	63	67	50	97	97	107	105	106	102	93	8.7	77	107
63	68	78	53	84	1 70	175	105	1114	103	95	76	5.5	105
6.4	66	71	26	94	97	111	108	105	99	97	75	73	111
5.5	69	74	81	99	1-1	100	196	104	96	98	41	61	125
66	66	76	89	95	1^2	108	3 ∩6	108	105	94	86	68	135
67	67	78	78	69	1 -6	128	115	112	101	पर	F 3		
6€]	69	76	88	98	1 71	109	111	177	102	91	74	66	111
45	69	66	86	88	99	96	178	104	1:3	93	P 3	77	107
70	74	78	78	30	78	103	1.04	174	105	95	8.7	F 4	104
*1	67	73	92	91	96	104	105	110	16.3	98	76	E 5	11-
72	6.3	77	າວ	94	104	111	113	105	102	93	77	6.3	113
73	69	75	71	93	107	112	178	107	94	97		6.3	117
74	75	77	80	92	137	106	109	107	106	96	8.2	67	129
75	72	a c	82	83	104	105	113	109	105	97	42	67	11.
76	72	75	86	86	105	112	178	176	105	92	# Z	* •	117
77	65	91	13	93	171	111	7.03	1776	177	43	1.5	6.0	- 111
7 A	6.5	71	84	84	1.00	107	107	113	101	99	3.2	6.3	113
79	63	67	80	8.6	101	1119	1 40	3 (17	103	94	76	77	100
າດ	71	74	75	92	97	104	109	105	100	102	2.5	69	169
3 <u>1</u>	78	37	77	102	97	109	1175	109	105	36	85	82	104
<u> </u>	6.	81	75	8.8	103	102	105	104	100	92	73	62	106
													, , , , , , , , , , , , , , , , , , , ,
MEAN	63.2	75.€	81.5					100.5				6768	10705
S. D.	4.400		4.936			4.167		2.363				0.241	2.521
TOTAL OBS.	654	593	651	630	651	635	651	202	661	202	660	221	7747

STATION NAME

EXTREME VALUES

MAYIMUM TEMPERATURE

27110

LEMGORE, CA

61-83

(FROM DAILY OBSERVATIONS)

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAY FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
51						ĺ	108		-				MEL LEMP
		<u> </u>	<u> </u>				17				L		DAYS
67											İ	37,	DAYS Car
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TOTAL 086.		<u> </u>	<u></u>		L	L					L	L	

EXTREME VALUES

MINIMUM TEMPERATURE

27110 STATION

LEMOODE, CA

STATION NAME

YEARS

WHOLE DEGREES FAMPENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	oct.	NOV.	DEC.	ALL MONTHS
VEAN 51								*4	42	30	- 72	78	
h.2	14	2 5	ו כנ	37	37	44	52	48	44	36	23	1.5	14
7.3 I	15	36	33	31	40	46	47	4.8	50	34	2.9	74	- 15
64	21	24	25	34	34	47	48	K.4	47	41	24	26	21
~5	27	74	30	37	19	4.8	5.4	₹2	44		34	?2	
- 6	23	24	23	32	42	47	50	5.7	4 3	36	26	2€	2 *
67	26	20	77	3.0	34	43	£ 6	. O	53	47	71		
69	23	3.7	34	35	39	47	54	46	41	4.2	2.5	2.2	3.2
.,9	29	29	6.2	35	16	49	52	49	48	36	72	24	.7
70	20	2 9	30	32	40	54	49	5.3	42	3.3	11	30	•
71	71	21	72	33	44	44	52	55	45	24	~7	77	.,
7.7	23	25	27	36	42	43	53	51	4.5	32	35	24	23
73	23	33	30	32	40	47	52	48	48	37	25	25	7:
7 4	25	23	31	36	42	52	53	5.3	5 3	44	2.9	25	2.5
75	24	2 8	₹0	32	8,	49	5.2	53	52	3.3	? 5	21	21
⁷ 6	20	3.3	31	34	46	46	54	54	49	4.3	3.7	28	27
77	28	30	28	34	37	53	<u> </u>	55	3.6	80	25	26	25
7.8	30	35	36	36	41	51	51	5.5	43	35	3.5	.55	2.2
7?	:1	2.5	32	35	39	50	54	2.5	49	35 37	26 29	74 22	21
90 91	33	29	34	36	77	46 55	53 53	51 56	67	37	31	77	57
82	34 25	33 27	37 36	39	41	96	53	76 45	41	37	34	28	25
	23		36	34		40	3,3					2,7	
MEAN	23.8	78.7	30.1	34.1	39.5	88.3	52.6	52.4	46.3	36.3	77.6	24.6	Z1 • ^
8. D.	4.920	3,992		7.211	3. 127	3.289		3.019		4.517	3.788	3 • 203	3.279
TOTAL OBS.	651	593	651	630	651	530	651	685	560	632	5617	651	7742

EXTREME VALUES

MINIMUM TEMPERATURE

2711G STATION

LEMOORT, CA

61-8?

FROM DAILY OBSERVATIONS!

STATION NAME

WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

YEARS

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
5.1							54 17						DAYS
67												23 30	DAYS
			ļ 							ļ			
								! 	ļ	ļ			!
			<u> </u>						ļ			ļ 	
		<u> </u>	<u> </u>	<u> </u>					ļ	ļ			<u> </u>
											 		
				<u> </u>									
											1		
	- i							<u> </u>					
MEAN													
S. D. TOTAL OBS.					<u> </u>								

EXTREME VALUES

MINIMUM TEMPERATOR:

27115

LEMBORT, CA

61-82

......

STATION

STATION NAME

YEARS

MEDIE DEGREES FAHRENHEIT VRASED ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	AUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
z. <u>I</u>							17						HIN TENE DAYS
67												23 70	UVAS MIN L.AL
									_				
										ļ			
													
		[
		ļ 	-										
						ļ						· 	
		ļ			ļ	ļ							
			ļ							ļ			
MEAN													
S.D.		 		····						 			
TOTAL OBS.								<u></u>	<u> </u>	1			1

PSYCHROMETRIC SUMMARY

LEMOORE, CA PAGE 1

																			_	HOURS	LST
Temp.										DEPRESS								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
757 77												• 7						1	1	,	
747 73									• 0	• 0							ì	2	2		
72/ 71					• 0		• 0	• 0	• 1									•	5		
707 69			• 0					• ?	•0								-	8	9		
531 67			• 0				• 1	• 2]			1	8	8		
e67 65		• 0	• 0	• 1		• ?	.4	. 2				.						23	23	1	
64/ 63		• 2	• 2	• 1	• 2	. 3	. 4	•										32	32	3	:
62/ 61	•0	. 1	. 3	. 2	. 3	. 2	. 1					\		1	ì	l		34	34	7	5
637 59	• 0	. 2	. 5	• 6		. 4	• "											61	61	12	
FH/ 57	. 2	.5	1.1	. 6	. 6	3	. 1	•r										83	8.3	24	13
56/ 55	.6	. 7	1.3	• A	.7	• ₹	• 1	• 1										115	115	91	37
547 53	. 9	1.2	2.1	1.4	. 7	•2	• 2			Ì	ì							168	168	123	د 5
52/ 51	• 6	2.0	2.3	• 9	. 9	. 3	• 2											179	179	132	6.3
507 49	- 8	2.3	2.5	1.1	. 7	• 3	• 0					1						192	192	177	159
43/ 47	. 8	3.1	2.8	1.0	. 4	• 0	-											202	202	196	147
45/ 45	1.1	5.4	3.3	. 7	. 2	• ^				Ì	ľ	1					ł	265	265	247	202
44/ 43	1.2	5.2	2.6	• 3	• 1													234	234	294	222
42/ 41	1.3	4.6	1.8	• 3	. 1							ļ			ļ		İ	199	199	284	255
43/ 39	1.9	5.4	1.1	• 3	• C	_												217	217	267	376
337 37	. 9	4.0	. 9	• 2					'		1							150	150	206	263
₹67 35	.8	1.9	• 6	• 1														9.8	8.8	129	243
34/ 33	. 7	2.0	. 4															77	77	93	149
32/ 31	. 4	1.4	• 3															50	50	78	103
31/ 29	• 2	1.3	. 2									1					L	44	44	53	92
237 27	• 2	• 6								1							l	18	18	36	6.5
25/ 25	• 2	• 2														L	<u> </u>	11	11	18	55
24/ 23	• 2	• 2																9	9	11	4.3
72/ 21	• 5	• 1															L	•	•	. 6	1.6
201 10	• 0									1		Ŧ						1	1	2	17
13/ 17																ļ	<u> </u>	.		ļ	4
167 15]					_						Ţ									1
TOTAL	17.3	42.7	24.5	8.7	5.6	2.5	1.7	- 8	• 2	•0		- 3					L	LI	2487		2480
											ļ	}						2480		2480	
Element (X)		Σχ²			Σx		X	σ _x		No. Ob	<u> 1</u>				Mean	No. of I	lours wi	th Temperat	lure		
Rel. Hum.			6290		9909	4 6	0.3	14.9	00	24		± 0 F	1	32 F	≐ 67		273 F	≥80 F	± 93		Total
Dry Sulb		539	0468	1	1369	. 4	5.8	8.4	79	241	0		$\neg \uparrow \neg$	41.1	7	• 2	. 9		1		744.0
Wet Bulb		469	2317	1	0638	9 4	2.9	7.1	9 5	24	0			61.2							744.0
Dew Point		402	0211		9805	1 1	9.5	7.6	0.6	24	10		1.	22.7							794.0

27111

LEMOORE. CA

73-82

FER

PASE 1

Temp.										DEPRESS						-, -	TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20		23 - 24	25 - 26	27 - 28 29 -	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
27/ 79		Ì	[- 1	Ì			• 0	.0	• 1	• 1	• 0				7	7	1	ĺ
71/ 77		L		1				•		•0								2		! !
75/ 75				_				• ?	• 0	.0	• 0	j				1	7	7		l
747 73						•1		• •	. 1	•0							9	9		
77/ 71					[• 1	• 2	• 1				1			-	1	14	14	ì	į
77/ 69	_	l		- 1	. 2	. 4	. 4	• 3	. 1]				i	34	34	l	<u> </u>
54/ 67				• 1	. 2	٠ć	. 4	• 2									34	34		
16/ 65		<u> </u>		- 3	• 5	. 4	• 5	. 5	Ĺ	<u>i </u>			_				53	5 3		
64/ 63		• 1	• 2	• 5	. 9	•6	• 2	. 2	. 1	Ţ — - Ţ							65	65	а	
627 61		. 3	_ 4		1.2	. 6	. 4	. 4									88	88	20	Ĺ
437 59		. 4	1.1	1.7	1.0	1.5	.7	• 1	• 1							Ī	135	135	47	
5// 57		. 8	1.3	1.5	1.2	. 9	. 3			L i							131	131	73	1
567 55		1.9	2.5	2.5	. 8	.6	• 2			1							190	190	127	3
54/ 53	• 2	2.1	2.9	1.9	. 4	. 2	• 0										170	170	196	7
521 51	. 4	7.4	3.2	1.2	• 3	• 1						3			-		173	173	223	13
57/ 49	• 6	3.2	3.7	1.1	• 3	೧		! 	L								201	201	250	21
44/ 47	. 4	5.1	2.6	. 9	♡	. 1			_			i	-		i	1	279	209	254	18
457 45	• 7	4.9	1.9	. 4	• 1							i					178	178	252	25
447 43	• 6	3.6	1.6	• 13	. 1]			ì		1			134	134	211	76
42/ 41	• 9	3.1	1.2	• 3				L									125	125	162	25
47/ 39	• 5	7.7	.9	• 0					_			i			!	1	95	95	129	22
TR / 37	• 7	2.3	. 4	• 1													79	78	112	15
367 35	. 9	1.9	. 4		. [j			i		1			:		72	72	74	16
34/ 33	. 4	1.0															33	33	71	13
32/ 31	• 0	• 2	•0	'	' i			}	l	1 1	1	· i		1 /	}	- }	7	7	18	7
30/ 29	• 2						L										11	11	13	3
23/ 27		• 0			. !							i		1			1	1	5	2
76/ 25		L	Ĺ														 		1	2
24/ 23		l	!					}		}		1					1			1
22/ 21		<u> </u>						ļ									 		ļ	L
OTAL	۰.6	36.2	24.3	13.5	7.2	5.7	3.2	2.1	.8	•2	• 1	• 1	• 0		Ì		2256	2256	2256	225
lement (X)		Σ _χ ²			Σχ		X	σ _x		No. Ob		 					ith Tempera		·	
Rel, Hum.			3698		7162			15.9		22		:0 F	<u> </u>	32 F	≥ 67 F	≥73 F	≥80 F	≥93		Total
Dry Bulb			4537		1459		0.8	9.0		22				3.7	31.9	7.4				672.
Wet Bulb			0960		0542		£ . 7	6.7		22				11.0			 	 		672.
Dow Point		422	1413		9642	7 4.	2.7	6.6	5 5	22	16		1	96.2	1		1	1	1	672.

VEASERVCOM

PSYCHROMETRIC SUMMARY

Temp.							WET BU	LB TEMPI	ERATURE	DEPRES	SION (F)				-				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	- 26	27 - 28	29 -	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 93										}	T i	• 9			\neg		T		1	1		
727 81													• 1	<u></u>	• 0		l		2	2		
201 79							• 0		• 0	• 1	•0								Ú	- 6		
78/ 77	_						• 7	- 1	1	. 1	• 0	• 1		i _	_				11	11		
757 75						• 2	. 1	. ?	• 1	• 2			• !	וו					18	18	1	
74/ 73					• 2	• 2	• 2	• ^	0		• 1	1]		l		17	17	i	<u> </u>
72/ 71					. 2	• 1	•6	• 4	. 4	• 1	• 2						Ī		49	49	1]
737 69				• 0	. 3	• 6	• 6	. 4	_ • 2	.1					_				55	_ 55		الـــــــــــــــــــــــــــــــــــــ
55/ 67			• 1	• ?	. 4	. 7	• 3	. 3	• 2	• 0						-			55	55	1	
<u>667 65</u>			• 1	. 5	• 3	۽ ۾	1.0	. 4	2					1_	!		<u> </u>		100	160		<u>'</u>
54/ 63		• 1	• 3	1.7	1.0	• 9	1.2	• 2	• 3	.2	i								126	128	19	
627 61		. 1	. 4	•♀	1.4	1.1	. 4	. 3	0	. 1									119	119	33	4
17/ 59		• 4	1.7	1.6	1.4	1.4	. 4	• 3	• 2						7	-			166	166	74	22
5-7 57	• 1		1.8	1.5	1.3	1.1	• 5	. 3											185	185	141	24
567.55		1.5		1.5	1.2	• 6	• 3	• 🗅											192	192	155	67
54/ 53	• 3		2.7	1.7	. 9	•?	• 2	. 1						<u> </u>					197	197	258	135
527 51	• ?		3.7	1.2	. 4	.4	• 2												181	181	244	150
537.45	• 1			1.0	. 4	• 2	• 3										<u> </u>		1 02	192	243	224
41 47	. 2	3.7	2.2	1.3	. 2	•2				}				1	1				194	184	292	189
447 45	- 1		2.2	4	. 3	• 1								L					163	163	256	254
44/ 43	. 4		1.6	. 7	• 1														138	138	214	264
42/ 41	• 5		1.5	. 3	• 1						İ				l				112	112	166	262
407 39	• 2		1.7	• 3							Ì								95	95	118	251
30/ 37	<u>•1</u>			1	• 0				L	L				1_					54	54	124	155
30/ 35	• 2		• 2	• 2	}						ł	1		1			l		38	38	67	151
347 33	• 2		• 1							<u> </u>							<u> </u>		15	15	40	122
32/ 31	•0																		6	6	17	67
307.29		•3							<u></u>			<u> </u>		┖			ļ		1	1	8	63
24/ 27																	ļ				1	34
76/ 25		L							L					1	_		L					37
24/ 23											}		}		1		1			•		17
72/ 21		L									<u> </u>						<u> </u>					13
20/ 19																	-					3
16/ 17									L	L		<u> </u>		<u> </u>			<u> </u>					
Element (X)	Σ_{χ^2} Σ_{χ} Σ_{χ} Σ_{χ} No. Obs. Mean No. of Hours with																					
Rei. Hum.									\dashv			± 0 F		≤ 32	<u> </u>	≥ 67	F	≥73 F	≥80 F	≥ 93	F	Total
Dry Bulb															_		\rightarrow			-		
Wet Bulb						- [- 1						- 1		1		l	1	1	1

PSYCHROMETRIC SUMMARY

27110 LEMAGRE, CA 73-82 WARS BONTH
STATION HAME PAGE 7
NOUNS (LST.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.S. Dry Bulb Wet Bulb Dew Point TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 TOTAL 7.525.825.314.410.8 8.7 6.0 3.2 1.8 1.1 2480 24 90 2430 Element (X) X σ_{x} No. Obs. 172909 69.7 17.721 132421 53.4 9.372 12534027 2480 ≤ 32 F ≥73 F Rel. Hum. 7288437 2480 2.1 Dry Bulb 16.5 744.7 64.2 119238 48.0 6.955 744.0 744.0 7.8 Wet Bulb 5333674 2480 105717 42.6 7.620

WEASERVCOM

23110 LEMOORE, CA

73-82

APE

PAGE 1

Temp.											SION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point
1007 99														.0				2	2		
98/ 97															•0			1	1		
947 93]	l j								1			•0	1			1	1	i	
527 91		li							ļ	↓	• 1	• 0		•1	.1		• 0	8		ļ	
07/ 89		ii			- 1				ĺ	1	• 0	- 1	• 1			• 3	}	6	6	1	
98/ 87									 	↓	 	• 1	•1			•0		10		ļ	
36/ 85									_		• 1	+3	• 1			• 0	ļ	21	21	ì	1
94/ 83		<u> </u>	-						•0	+	• 1	. 4	• 5					36	36		
627 81				1	1		_	• 1	•0	1 -	l .	1 - 1	• 3		1			38	38	ł	Ì
00/ 79							<u>•</u> _	• 1	-1				. 2		ļ	ļ	<u> </u>	48	48		
78/ 77		}	} }		- 1		• 3		• 3				• 2		']	1		59	59	:	,
76/ 75							• 0	• 3	. 8			——	-1		├	ļ		64	64	-	
						• 1	• 2	• 6		1	1 -	1	• 1	ĺ	[1	ĺ	A 8	88		
72/ 71		ļI		+	- 1	•2	- 4	1.0				• 1		 	 			86	86	3	
62/67		()			• 2	•2		1.4	1.0	1				1				101	101		!
66/ 65				• ?	- 1	1.1	1.7	1.0						 	}			90	133		
64/63		. 1	• 1	. 2	5	1.7	1.2					1 1		ļ				113	113	31	
12/ 61		.2		• 2	1.4		. 9	• 4							 -			114	114	93	7
607 59		2	. 3	1.0	2.0	1.5		. 2	1		1			İ				140	140	141	15
59/ 57		- 3	7	1.2	2.2	1.1	.6	• 1		+				 	 -			153	153	171	17
567 55		. 4			2.1	9	.4	. i		1		} }		j				169	169	201	23
54/ 53		• 5	1.9	2.6	1.4	. 3	. 3			$\overline{}$	 			 	 			166	166	254	40
72/ 51	• 0	1	2.5	1.7	1.9	• 3	• 1	'		i	[[[i				158	158	252	59
\$37 49	• 0		2.7	1.3	. 5	. 4	• 0			 		1			-			149	149	280	161
48/ 47	• 0		2.1	1.3	. 7	n)			{			1 1		1	l			160	160	254	197
46/ 45	• ?	2.0	1.5	. 5	. 2					+-		1		† — —	†			107	107	247	328
44/ 43		1.1	1.5		. 1					1	1				1			79	79	164	352
42/ 41	• 2	.9	. 6	. 2	• 1					1								48	48	125	311
40/ 39	• 2	• 5	. 4	. 1	i					Ì	1	1 1		ł				30	30	8.5	225
30/ 37	•1	• 2	• 2								Γ			-				19	1.	43	176
367 35		. 2						L	L					<u> </u>	l				4	16	148
34/ 33		• 2																•		11	121
32/ 31					ل	ــــــــــــــــــــــــــــــــــــــ			<u>L</u>	<u> </u>	<u> </u>			1	<u> </u>		L,		L	3	67
Element (X)		Σχ2			Σχ		X	σχ		No. O	bs.							h Tempero			
Ref. Hum.												20 F	:	1 32 F	± 67	F :	73 F	280 F	2 93		Total
Dry Bulb													\dashv					 _	_		
Wet Bulb			- 1	l		1			l		1		- 1		1	- 1		i	1	1	

23110 LEMOORE, CA 73-92 VEARS STATION HAME STATION HAME PAGE 2

ROUTE (LET)

ROUTE (LET)

																					(LST)
Temp.							WET BU										T	TOTAL	ļ	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Point
201 29				l :				ļ]	}	1)]]				5?
25/ 27				L						1	↓			<u> </u>		L	L	L			47
75/ 25		}	1				1		1	1	ł	1	ļ	1	}	ļ	1	ļ	ļ	ļ	27
24/ 23		ļ	L							ļ	ļ	<u> </u>		L	L	<u> </u>					11
72/ 21		Ì	ĺ	1 :			ł	i	l	1	ł	1	ł	1	1	ł	1	ļ	1	ł	7
20/ 19		<u> </u>	<u> </u>	-				L	L	ļ				↓	<u> </u>		L			1	
16/ 15		Į			[!		ĺ	ļ	ĺ	1		1	1	1		ł		ľ		1	2
TOTAL	9.	11.5	16.	13.C	12.9	9,9	8.3	7.0	6.3	4.8	3 3 7	2.5	1.7	1.1	. 4	1	• n		2400		2900
			ļ							1		1	-	1	ĺ		1	2400	ĺ	2400	
		<u> </u>	├ —	_					<u> </u>	↓			↓	↓	ļ		ļ	l			
		1	ĺ					l	Ì		1		ļ			į		ĺ	}		
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Element (X)		Σχ3	0201		Σχ	. -	X	σ _χ		No. O								th Tempera	ture 2 93		Today)
Rel. Hum.			5609		3505 4309		9.6	1 1 . 4	53		00	501		= 32 F	107		19.6	±30 F			720.0
Dry Bulb Wet Bulb			0738		2175			6.5			00	 		. 6		•5	.3		* 		720.0
												 	-+	. 9		• > -		 	+		
Dew Point		724	8112	L	0030	7 7	1.8		77		00	L	L_	64.5	11						720.0

23110 LEMOORE, CA 73-82 WAY
STATION HABE YEARS PAGE 1
HOURS (LST.)

							WET BU	A TENS	TO A TILICO	DEPART	21011 (5)										(LST)
Temp. (f)		1 - 2	3 - 4	5 - 6	7.0								22 24	25 24	107 00			TOTAL D.B./W.B.	Day Bull	TOTAL	Dew Point
56/105	<u> </u>	+		3-0	, - 0	7 . 10	-	13 14	13 - 10	17 - 16	17 - 20	21 - 22	23 - 24	23 - 20	27 - 20 /	27 . 30	.0	1	1	Wet 9010	Dew rolling
174/103										ĺ	1					.0	• Z	, c	5		
02/101		 	-									†	\vdash		•0	•1	• 2	7	7	1	
100/ 99			1		' I										1	. 2	. 2	12	12		
76/ 97		1										1		• 1	• 3	• 2	. 2	20	20		
96/ 95							ŀ					1		.2	. 1	. 5	. 3	28	28	1	
74/ 93					T							.0	. 4	. 4	. 3	. 5	.1	42	42	1	
92/ 91				L							• 0	• 1	•5	.7	. 4	. 3	• 3	52	52	ļ	
90/ 89					- 1						. 2	• 2	. 6	. 6	. 4	• 1		57	57		
A8/ 87		11								.1	. 2	.7	•7	.7	-1			63	63		
85/ 85					-				•0	• 3	. 8		. 8					92	92	I	
34/ 83		ļ							• ?	. 4	.6	. 9	.9	. 4	•0			67	87	L	
527 A1								• 1	• 1	• 3	1		. 8	• 1				92	92		
73/ 77		1						• 1	6		1.4			• 3				108	108	ļ	
73/ 77						^	• !	• 3	1.0	. 9			- 1		1	ļ		92	92	İ	
74/ 73	_	+ +				•0	.4	1.2	1.0	1.4	• 5							117	117	2	
72/ 71					• 0	• 4	. 9	.9	1.5	7	2					1		117	117	21	
70/ 69		1			•1	•6	1.1	1.4	1.1	.6				<u> </u>	+	-	-	125	125	45	
69/ 67		i l			. 2	• 6	1.6	1.5	. 7		0.0							118	116	70	
66/ 65				• 2	• 5	1.1	1.7	1.1	.6			†						132	132	123	
64/ 63				. 4	1.0	2.1	1.1	. 7	. 3	, , ,								140	140	175	
627 61		•0	• 2	. 4	1.5	1.5	.7	. 4										116	116	196	3
607 59		. 1	. 2	• 7	1.6	1.5	.8	• 1			İ					i		124	124	240	16
58/ 57			. 4		2.3	1.0	• 2	• 1										150	150	232	43
56/ 55		• 0	1.0	$\overline{}$		1.0												145	145	264	73
54/ 53		• 1	• 6		1 . 5	• 3	•0									1		103	103	251	119
52/ 51		• 1	• 6		. 9	•2	<u> </u>					ļ						72	72	250	154
5"/ 49		• 2	• 8	1.0	• 2	• 0							i					55	55	203	211
46/ 45		• 3	• •	• 6	• 2							\vdash					\longrightarrow	37	37	160	229
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42/ 41		• 0	• 3		•0						-							13	13	58	354 278
40/ 39			. 2		• •													•	1	20	
Element (X)		Σχ ³			Σχ		X	$\sigma_{\rm x}$	Υ-	No. Ot	<u></u>				Mean N	le. of 14	nurs will	h Tempera			
Rel. Hum.						+	<u> </u>	_	+		-	10 F		32 F	≥67 F		73 F	1 00 F	± 93		Total
Dry Bulb									\dashv				_			 			1 -		
Wet Bulb						\dashv			_			· · · · · ·	\top			\top			1		
Dew Point									\dashv		- 1					_	- 1		1	- +	

27117 LEMOORE , CA

3-82

MONTH

PASE ?

Temp.							WET BU	LB TEMPI	RATURE	DEPRES	SION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 37			. 1															2	2	7	150
35/ 35															l l			İ		5	151
34/ 33																				2	
72/ 31										ļ				Į			1			_	41
35/ 29																					27
28/ 27					1							İ					}			1	3
26/ 25																					4
74/ 23								}													,
TAL		1.2	5.1	10.3	12.4	10.6	9.1	8.5	8.1	7.7	6.9	5.7	5.3	3.9	1.9	1.9	1.3		2485		2487
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Element (X)		Σχ°			Σχ	┰	X	σχ	$\Box$	No. Ob	• 1				Mean	No. of t	lours will	h Tempera	lure :		
Rel. Hum.		552	3284		09022	1 41	0.0	17.1	67	24	80	± 0 P	2	32 F	± 67 F		73 F	±80 F	≥93	•	Total
Dry Bulb		1236			71994			13.2		24			$\top$					102.			744.0
Wet Bulb			699		3773		5.5	6.9		24			$\neg$		41		. 6		1	<del>  </del>	744.3
Dew Point			3533		09339		1.1	6.3		29				23.1		- 74			+		744.0

2711 LEMGORE, CA 73-92 JUNSTATION STATION HABE YEARS BONTH
PAGE 1
HOURS (LST.)

																				HOURS	(LST)
Temp. (F)		<del>7</del> -	<del></del>				WET BUI											TOTAL		TOTAL	
12/111		1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	_	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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75/107		┼	ļ		<del></del>						-		-				<u>• 1</u>	3	3		
06/105		}	1	}	) i		1		· '	ì	ĺ		1	Ì	ا ا		• 5	11	11		1
74/103		┼	<del> </del>	<del> </del>	<del></del>					<b></b> -	<del>                                     </del>	<del> </del>			• 0	.0	. 7	18	18		
02/101			ļ								į	ļ			• ::	• 1	1.2	32 35	32		i
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28/ 97				ĺ								Ì	• 1	•1	•5	• 7 • 7	. 8		54		İ
76/ 95		<del>                                     </del>	<del></del>		+						<del></del>	• 1	•3	• 5	.8	• 6	.6		71	<b></b>	
94/ 93					li							1	.8	1.0	.6	. 5	• 2	76	76		l
02/ 91		<del> </del>	-		- +					• 1	•1	.5		1.2	1.2	.3	•0		103		
907 89		}	}		} i	'	1	1	· '	1	3			1.2	. 7	. 2	•	99	99		1
98/ 87		<del> </del> -		·					. 1	.2	• 7		1.0		. 4	•0		98	98		<b></b> -
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P4/ 83		<del>                                     </del>						• 0	. 2	. 7	.7			• 5	.0			101	101		<u> </u>
427 81				١.			٥.	. 2	4	1.1	. 9		.5	• 2	• •			99	99		1
811/ 79						• 7	• 5	- 3	. 9	1.0	1.3			•0				111	111		
78/ 77		İ		!	•0	• 0	.4	. 8	1.2			1 -	.1	-				129	129	2	ł
76/ 75						•0		. 9	1.0			-						126	126	•	i
74/ 73		ì '		. 1	•0	• 2	.6	1.6	1.1	1.0	• 5	1	)	1	}	]		124	124	24	ĺ
72/ 71			-	• 1	• 2	• 5	1.2	1.3	1.0	.5								121	121	83	
73/ 69				• 1	. 5	. 6	1.4	1.3	. 9	. 2	_		l	Į .				116	118	143	İ
63/ 67			• 1	• 1	. 9	1.0	1.5	. 8	• 5	•0	<u> </u>							118	118	173	
66/ 65		1		. 4	. 7	1.4	1.5	1.2	. 2	.1		i	ŀ	İ	1			132	132	211	11
64/ 63			• 7	.7	1.1	1.2	. 8	• 5	. 2									109	109	262	15
42/ 61		•0	. 4	. 7	1.0	.7	.7	. 3					1					95	95	238	16
€0/ 59			• 1	. 7	. 8	. 8	• 5	• C										70	70	270	52
54/ 57		1	. 2	. 7	1.1	.6	• 2	• Z				<u>.</u>		_	į			73	73	266	93
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£2/ 51			• 0	. 5	• 2													19	19	124	204
50/ 49		1	• 2	. 2	• 1										ĺ			10	10	100	272
43/ 47				• 1														2	. 2	53	241
46/ 45															l					36	242
Element (X)		$\Sigma \chi^2$			Σχ	$\Box$	X	$\sigma_{\rm g}$	$\Box$	No. Ol	8.				Mean	No. of H	ours wit	h Tempera	lure		
Rel. Hum.									$\Box$			50 P	1	32 F	≥67 F	2	73 F	≥80 F	£ 93 1	,	Total
Dry Bulb						$\perp$			$\perp$		I					$\Box \Box$					
Wet Bulb											I		$\Box$								
Dew Point	-					1			7		T										

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2*110 LEMOORE, CA 73-R2 JUN.
STATION MADE VEARS HOSTH

PAGE 2

																				HOURS	(L S T )
Temp.								LB TEMP										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	
44/ 43					[		]						ł							13	
42/ 41		ļ		<u> </u>			ļ	ļ	L											2	229
47/39												ļ	i							ļ	184
33/ 37		ļ		ļ	l		ļ			ļ		<b>-</b>	ļ	ļ			<u> </u>	L		<b></b>	89
36/ 35				'			İ	j						i							7 5
34/ 33		1		ļ			<del> </del>			-	<u> </u>		<u> </u>	<u> </u>	-		<b> </b>			<del> </del>	46
32/ 31		1 1							1			1	1				ĺ			İ	21
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26/ 25		] ]		)	]				1					ĺ			ļ			1	
CTAL		- 0	1.5	5.2	8.2	7.4	10.1	9.4	7.7	7.9	7.5	6.5	7.1	4.8	5.2	7.5	8.0		2400	<del> </del>	2400
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Element (X)		Σχ²	L		Σχ		<del>* x</del>	σ _X		No. Ol	<b>35.</b>			<del></del>	Meen	No. of I	lours wit	h Temperal	lure		
Rel. Hum.			8088		9102	6 3		15.8		24		501	: :	32 F	1 67		73 F	≥ 00 F	±93	F	Total
Dry Bulb		1477			8558			13.2		24					543	. 9 4	36.8	305.	7 104		720.0
Wet Bulb		875	4217	1	4408	8 6	0.0	6.5		24					130		10.5		1		720.0
Dew Point			7461		1302	3 4	7.1	6.9		24				11.7					T		720.0

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23110 LFMOORE, CA 73-82 JUL STATION HAME YEARS MONTH

PAGE 1

																				HOURS	(LST)
Temp. (F)	0	1 . 2	3 - 4	5 - 6		0 10					SION (F)		22 04	25 - 26	27 20	20 20	≥31	TOTAL D.B./W.B.	Day Bulls	TOTAL	Dew Point
110/100		1 - 2	3 - 4	3.0	7 - 8	9 - 10	11 - 12	13 - 14	13 - 10	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	• 1	2	2	Wet 6016	Dew Folk
108/107				. 1								ĺ		ļ	1	•0		9	9	'	1
106/105		<del>                                     </del>			$\overline{}$								<del></del>			• 2			30		
104/103															.1	. 2	1	51	51		
102/101												• 0		.2		1.1		83	63		
170/ 99													•1	.2	. 8	1.1	1.4	91	91		<u> </u>
98/ 97									_		•0	•1	• 2	•5	1.4	. 9	.5	92	92		
96/ 95			1									• 3	.5	1.6	1.1	. 9	.1	113	113		
04/ 93	,	) )	ļ							•0	1		1.3	1.7	. 9	. 3	1	126	126		
92/ 91		<del>                                     </del>								• 1	. 4	1.0				• 3	↓	136	136		
907 89								• 13	• 1	•			1.9		• 2			129	129		
F8/ 87								• 0	• 1	.4		1.2	.8	- 3			├─	95	95	<u> </u>	
86/ 85 84/ 83		1 1	)					• 1	• 4	_	1			.2				95 84	95 84	1	İ
84/ 83 92/ 81							• 1	- 2	• 6		.7	.7	•1	•0	<b>-</b>			101	101	ļ	<del> </del>
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74/ 73		1		•0	- 3	. 8	1.3	2.3	1.0								† — · ·	162	162	72	
721 71		ļ į	ļ	. 1	. 5	1.6	1.7	1.2	. 4	•1	)	•		}	}		ļ	139	139	192	l
707 69		1 1	• 0	• 3	.7	1.2	1.2	. e	. 2		<b> </b>							112	112	275	5
63/ 67		l	<u>•</u> Ω	. 4	. 8	1.6	1.6	. 6	• 0		<u> </u>		<u> </u>	<u>L</u>	<u> </u>			125	125	305	4
66/ 65			• 1	• 5	1.0		.7	. 5					,					91	91	309	16
64/ 63			• 2	. 6	1.0			. 5	•								<u> </u>	76	96	286	4:
62/ 61			• 1	. 4	. 8	•5	• 2							ļ	ļ I			51	51	282	63
80/ 59		- 1	• 0	• 4	• 5	. 4	•0				ļ							37	37	236	147
53/ 57	_	}	• 1	. 4	• 2	• 1	• 1							[	[		1	22	22	179	550
55/ 55	• *		<u>• 2</u>	. 3	• 2	0	•0			ļ			ļ	<u> </u>	<u> </u>		<b></b>	22	55	136	36
54/ 53		•8	• 0		•0					İ					l I	ĺ		3	3	95	31
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43/ 47																				1 1	354 254
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44/ 43		ļ l						'				\		1						•	106
Element (X)		L			Σχ		X	σ _K	<del>'</del>	No. O	be.	Ь			Mean	No. of	Hours wi	ith Tempera	ture	L	<u> </u>
Rel. Hum.						_			$\neg$			2 O F	- 1	32 F	≥ 67		≥73 F	280 F	± 93	•	Total
Ory Bulb			$\neg \neg$							· ·											
Wet Bulb									$\Box$							$\Box$		I			
Dew Point						$\neg \neg$													1		

AVVEASEBULOM

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## **PSYCHROMETRIC SUMMARY**

2711U LEMODRE, CA 73-82 JUL
STATION STATION HAVE YEARS WARTH

Temp.							WET BU	LB TEMPE	RATURE	DEPRESS	ION (F)							TOTAL		TOTAL	
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 . 28	29 - 3	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
42/ 41							-														6.
407 39					l i					1 1								1			3 0
387 37																					17
36/ 35																	1				ļ ;
34/ 33														ŀ							4
72/ 31		l																			
OTAL	• 7	• 1	• 9	3.3	6.4	9.7	10.3	10.6	7.9	7.2	5.3	6.9	7.8	6.5	5.6	4.	8 6.7		2480	1	2487
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Element (X)		Σχ²			Σχ	Τ,	Ÿ.	σ _x		No. Ob	<b>a.</b> T				Mean	No. of	f Hours wit	h Tempera	lure		
Rel. Hum.			2049		96755	34			00	241		20 F	7:	32 F	2 67		±73 F	±80 f	= 93	•	Total
Dry Bulb			3749	7	02081	9 1	1.5	12.60	60	241								392.			744.0
Wet Bulb			3700		57370			5.9		24							30.3		1		744.
Dew Point			3662		28684			5.5		241			-+	. 6		.7		<del></del>	1		744.0

Temp.		_					WET BUI	B TEMPE	RATURE	DEPRES	SION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 2	8 29 .	30 ≥ 31		Dry Bulb	Wet Bulb	Dew Point
1137103																1	• 3	1	1		
108/107														1			3	7	7		
156/105									-							•	1 . 3	11	11		
104/103													L					32	32		
102/101												• ?		. 1	•	3 .	5 . 7	41	41		
1787 99						i							.1	.2	•	6 .	5 . 3	44	44		
78/ 97												• 1	• 1	. 9	• '	9 .	7 .2	70	70		
26/ 95											• 1	.2	.7			8 .	6 .1	89	89		
94/ 93			i								•3	. 4	1.1	1.5	•	<b>5</b>	1	96	96		
92/ 91										•2	• 3		1.5	1.0	_			105	105		
937 89		1 1			li			• C	• 1	• 2	1.0	1.4	1.4	. 4	•	1	İ	115	115		
F8/ 87									• 2	• 5		1.6	.7	.1		1		112	112		
26/ 85					1			• 1	• 3	1.0			•6	• 1			-	114	114		
94/ 83							-1	• 2	• 7			- 5	• 1					111	111		<b>-</b>
827 81					• 1	• 1	• 2	•6	1.7	1.9	1.2	• 1	l	ļ	ļ	1		143	143		
29/ 79		ļ			•0	•0	• 2	1.0	1.4	1.0	. 4			ļ				102	102	1	<b></b>
73/ 77				• 0	•0	• 2	3.	1.8	1.2	• 9	• 1						1	124	124		.
76/ 75				• 1		• 3	1.1	1.5	1.1	• 5		<u> </u>		<b></b>		<b>_</b>		112	112	24	<b> </b>
74/ 73			• 1	_	• 1	. • 6	1.7	1.6	• 9	•2	•0							131	131	63	
72/ 71		•0	• 0	•0		1.9	1.5	1.2	. 4			-		<b></b> -	<u> </u>	—		146	146	135	L
7:/ 69		1	• 0	• 2		2.7	1.3	1.2	• 2	ì	ì	<u>'</u>		}		Ì		158	158	216	6
66/ 65		-	• 1	. 5	1.7	2.1	1.2	- 3	• 1	ļ	<u> </u>				<u> </u>	+		150	150	274	12
647 63			• 2	1.2	1.5	1.1	1.1	• 3	_							1		135	135	304	24
62/ 61		-	- 4	1.3		1.4	•6	• 1	<u>. n</u>			<b></b> -				+	+	131	131	300	20
AC/ 59			• 7	. 9	• 8	• 7	• 3									İ		85	8.5	280	62
537 57		<del>  </del>	.4	. 8	• 3	• 5	•2			<del></del>	<u> </u>	<b> </b> -		<del></del>	├	+	+	58	58 37	287	242
58/ 55			.0			.1	•1								]	1		13	13		-
54/ 53		1	• 1	• 2	•1	0	• ''				-	<del> </del>	<u> </u>			+	<del> </del>	5	13	159	383
52/ 51			. 0	• •	.0	• , ,								ĺ	Ì			3	3	60	361
53/ 49					• 0			-						<del></del>	-	+				33	283
43/ 47						I	j	- 1												33	208
46/ 45		1				<del>}</del>		<del></del>				$\vdash$		├		+	<del>-  </del>	<del>                                     </del>	<del>                                     </del>	3	166
44/ 43															ĺ			] i		3	98
Element (X)		$\Sigma_{\chi^2}$			Σχ	<del></del>	7	σ _X		No. Ol	9,	Щ			Mea	n Ne. o	Hours wi	th Tempero	lure		
Rel. Hum.						$\top$			$\top$		-	10 F	:	32 F	≥6	_	≥73 F	≥80 F	≥93 1	-	Tetal
Dry Bulb						$\top$			$\dashv$							$\neg$			1		
Wet Sulb									$\neg \vdash$				$\neg$						1	$\top$	
Dew Point						-			$\overline{}$						1			<del>                                     </del>	- <del> </del>	$\rightarrow$	

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# **PSYCHROMETRIC SUMMARY**

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STATION				1	NATION NA	ME									EARS					MO	NTH
																				PAGE	(L 5 T )
							WET RU	I R TEMP	FRATURE	DEPRESS	ION (F)							TOTAL		TOTAL	
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10						21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Po
427 41				-				<del>                                     </del>		-			-					-		+	5
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34/ 33				-			<del></del>	<b>†</b>	<b> </b>					<del> </del>	1			<del> </del>		<del></del>	+
72/ 31							i	1	1	i				1						ļ	į
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Element (X)		$\Sigma_{X^2}$			Σχ	Τ-	¥	σ _x	<del>' T -</del>	No. Ob	g. T		L		Mean	No. of I	lours wit	h Temperal	ure		
Rel. Hum.			8432	1	0689	8 4		15.6		24		±0 F		32 F	≥ 67 1		73 F	280 F	≥ 93	•	Total
Dry Bulb		1569			9496			12.1		24			_		604			344.4			744.
Wet Bulb			0385		5571			5 . A		24							26.5		1		744.
Dew Point			1 600		2961		2.3	5.5		24				. 3							794.

AVWEASEBUCOM

2 71 1. LEMPORE, CA 73-92

PASE 1

Temp.							WET BUL											TOTAL		TOTAL	
( <b>F</b> )	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥31	D.8./W.8.	Dry Bulb	Wat Bulb	Dew Poin
767105														0.	i	i i	• ;	2	2		[ 
[4/103]		L (	1			1		}			<u> </u>			• 1		- 1	. ?	13	10		<u> </u>
(2/101														•0	• 1	• Z	• 2	14	14		1
~3/ 99						l				i	L	ii		. 1	• 7	. 6	. 2	25	25		i
59/ 97		[ ]							.0	•0	• 17		. 1	. 4	. 7	• 7	. 1	54	54		į
56/ 95									_ • 🖰		<u> </u>	. 3	. 3	. 5	.9	• 2		4,2	48		i
24/ 93										• 1	• 1	• 2	. 8	1.0	. 6	• 1		6.8	6.8		7
927 91						[	1	- {	• 0	۵•_	.1	.5	8	.7	. 2	• 1	_ :	59	59		1
9.1/ A9							• ℃	1.	. 2			. 7	1.0	. 3	. 1			76	76		,
687 87		} }				l	• 0	• :		. 5	1.0	1.0	6	.0	. 1			96	86		
667 85							• 1	• 0	• 2	. 9	1.1	1.2	• 5	. 2	. 1			94	94		
247 A3		i _ i			<b>i</b>		• 3	• 1	. 4	1.3	1.6	. 4	• 2	.0		i		101	101		· 
73/ A1						• 1	. 1	. 4	. 6	1.4	1.3	•2	.1					100	100	1	
337 79		1 1			• 0	• 2	•2	• 5	1.8	1.2	.7	• 2		1 1				117	117	3	
737 77			• 1	• 1	٠.	• 1	• 3	1.1	1.5	1.0	. 4	•0	• 0					113	113	5	
76/ 75		ì ì		• 2	. 2	. 3	1 . 2	1.2	1.3	. 7	_• 2	•1	_	1	. 1	l		129	129	11	L _:
747 73			• 1	• 2	. 1	.4	1.2	1.7	132	. 2	• 1							126	126	27	
72/ 71			• 2	• 2	. 5	. 8	1.6	1.	. 7	• 2	_		_		1 _			125	125	65	4
70/ 69		• 2	. 4	• 1	. 7	1.1	1.6	1.2	• 5	• 1						i		143	143	152	1 5
61/ 67	• 0	. 5	• 2	- 5	1.1	1.9	1.6	1.7	• 5	• 3	١			l i				170	170	210	2 9
46/ 65		.4	• 3	. 8	1.7	1.5	1.0	• 6	• 1					1 - 1	T	1		157	157	205	3
141 63		• 1	• 5	. 0	1.7	1.6	. 8	• 3	. 1		Ĺ	ii		i i .				144	144	275	3.0
627 61		• 2	. 4	1.5	1.6	• 6	.7	• 7	• 0		ī —			i i				121	121	240	4
15/ 59		. 3	• 5	1.1	1.5	. 7	. 7	• 2		<u> </u>	i							120	120	265	9
53/ 57	_	• 0	• ?	1.1	. 4	. 4	. 3											74	74	248	15
557 55		- 1	. 7	. 8	. 2	•=	. 3	ì		ì	l			1 1	1			65	65	205	21
547 53		† · · · · ·	• 3	. 2	. 1	• 2												20	20	198	27
72/ 51		• 1	• 2	• 2	- 1	. 3	- {				1			1	1	1		23	23	110	308
50/ 40			• 1	• 2	• 1	•.7												11	11	75	30
421 47		1 1			. 1									<u> </u>				2	2	46	26
4/,/ 45			• ^	• C														2	2	26	20
447 43		[		• 3	1	1	- {	ł			l	l l		1 1		ļ		1	. 1	23	9
42/ 41		1																		4	84
43/ 19		] ]		) ]							l	j _						L i		2	7
Element (X)		Σχ2			Σx		X	σx		No. O	98.				Mean No	o. of Ho	urs wil	h Tempera	lure		
Rel. Hum.									$\Box$			20 F		≤ 32 #	≥ 67 F	2.7	73 F	≥80 F	≥ 93	F	Total
Dry Buib						7															
Wet Bulb						$\neg$			$\neg$				7					1			

LEMOGRE + CA STATION HAME 73-22 TAGE 3 WET BULB TEMPERATURE DEPRESSION (F) TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 33/ 37 34/ 33 72/ 31 30/ 29 11 24/ 27 07 2.0 5.7 8.110.110.612.0 9.7 7.2 8.0 7.2 4.5 4.4 3.4 3.0 2.7 TOTAL NAVWEASERVCOM Element (X) No. Obs. Mean No. of Hours with Temperature 111750 46.6 17.272 178112 74.2 12.144 144742 67.3 6.687 120834 50.3 7.217 ±67 F = 273 F = 280 F 49 R • O 366 • 6 238 • 2 5719050 2400 Rel. Hum. Total 13557262 2400 720.3 142.2 14.1 720.0 7936560 2400 Wet Bulb £208662 2430

2 (11) LEMODRE, CA 73-P2

Temp.							WET BUI	B TEMPI	ERATURE	DEPRES	SION (F)								TOTAL		TOTAL	
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28 2	9 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
176/ 79																	•0	• ^	2	2		
7-/ 97										-				1	1	• 1	. 2	٠,٦		7	ļ	
1 / 92																• 2	• Z		10	10		
147 97						ĺ				(			.1	.4	ď	. 3	• 0		19	19	ĺ	
727 91												• 7	• 1	.2	•	. 2	• 0		15	15		
217 89												• 1	.2	. 5		. 2			23	23		
73/ 87									• 1	• 1	• 2	• 3	• 5	. 4		• 0	• 0		43	43		
167 AF			ĺ						. 1	. 2	.2	.6	.7	. 2					48	48		
34/ B3								• 1	• 2	•2			.7	$\overline{}$	1	.0			71	71		
827 B1						•.5		•_?	. 2	. 6		. 8	• 2	.1	.l				73	73		į
2:179						• 1		. ?	• 6	. 6	1.1	• 3		•0	Ī				76	76		
737 77				ł	• □	• 1	- 1	• 2	. 7	.9	.6	• 2					İ		מז	70	l	
76/ 75					• 1	• 1	• 3	• 5	. 8	1.1	. 5	• 2							99	89		
747 73					• 2	•2	. 6	1.2	1.3	. 6	.4	• 1							117	117	1	i i
77 / 71				• 1	• 7	.4	• ₽	1 • 4	1.4	• 3	•0								112	112	5	
707 59	į		• 1	• 1	• 2	. 4	1.4	1.4	8	. 4	• 1								121	121	21	
501 67			• 1	• 2	• 3	1.1	1.3	1.0	• 5	• 2	• 1								122	122	48	
667 65		<u>ل</u> •	• i	• 7	1.1	1.2	1.4	• 0	4	. 1	0.								148	148	77	3
- 4/ 67	• 1	• 0	• 2	. 5	1.1	1.9	1.5	. 4	•1	.2									145	145	148	14
12/ 51		• 2	. 4	. 8	1.6	1.7	. 6	• 5	3		i			<u> </u>	l				144	144	157	23
# 17 59		• 2	• 7	1.2	1.3	1.2	• 9	• 1	• 0										143	143	207	22
53/ 57	• 1	• 2	, ŷ	1.4	2.0	1.4	• 3	• r			<u> </u>				ļ				156	156	262	44
507.55	• 2	• 2	• 7	1.6	1.8	1.1	. 4												147	147	231	60
547 53	• 1	3	1.0	1.6	1.5	.6	. 3	• 1						L					132	132	248	105
12/ 51	• 0	. 4	• 9	1.4	1.5	. 4	• 2	.,											117	117	208	165
50/ 49	• 1	. 2	. 9	2.0	1.2	- 1	• ?		Ĺ	[	Í			<u></u>	ĺ		_ 1		111	111	216	206
45/ 47		• 2	• 7	1.2	• 5	• 1	• 1												72	72	161	25?
45/ 45	<b>.</b> ₽	• 3	- 6	• 9	. 1		• ≎								1				49	49	147	267
44/ 43		. 4	• 7	. 6	• 2	٦•													48	48	171	273
42/ 41		• 1	. 7	. 4	• 1														30	30	99	235
407 39		• 1	• 2	• 1	• 1						[				Ī				13	13	60	300
39/ 37		• "	• l	• 0	• 0				L										5	5	34	160
36/ 35			• 0		• 7											T			2	2	19	141
34/ 33															1	$\perp$					5	111
Element (X)		$\Sigma \chi^2$			Σχ		X	σ _x		No. O	bs.				M	an N	of H	ours wi	th Tempero	ture		
Rel. Hvm.												±0₽	7:	32 F	2	67 F	2	73 F	≥ 80 F	≥ 93	F	Total

NAVWEASERVCOM

Dry Bulb Wet Bulb ٤,

78 2097.5432

#### **PSYCHROMETRIC SUMMARY**

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27110 LEMOORE, CA 73-+2 OCT PAGE 7 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL TOTAL

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 327 31 79/ 27 24/ 23 72/ 21 23/ 19 19/ 17 16/ 15 2.5 9.014.315.012.110.4 8.3 7.1 5.6 5.0 3.3 2.5 1.9 1.0 .5 .1 2480 2487 24 30 Σχ²
7115319 2x x σx 125361 50.5 17.720 No. Obs. Element (X) ±67 F ±73 F ±80 F ±93 F 2460 = 32 F 159936 64.5 12.456 132476 53.4 7.565 108534 43.8 7.727 744.0 10699002 2480 305.4 198.9 105.3 11.4 7218464 744.3 2480 Wet Bulb 4897878 799.0

WEASERVCOM

																					(1.5.7.)
Temp.								LB TEMP						1	r			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22			27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wat Bulb	Dew Point
24/ 83							1		{	(		_	• 0		1			1	l	l	1
07/81		<b>↓</b>					ļ	<u> </u>	<u> </u>	<b></b>	• 1	• 1	0	<b>↓</b>	<b>  </b>			6	- 5	<b>-</b>	ļ
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79/ 77		<b></b>					• 3	• 1	• 1	• 1	. 4	.0	•0	<b> </b>	<b>├</b>		<u> </u>	53	20	ļ	<del> </del>
76/ 75	:	'					• 1	• 2	• 3			- 1		1	1 1			18	18	1	1
74/ 73						<u></u>	• 3	- 5	• <u>Z</u>			•0		<del> </del>	<del>}</del> }			34	34	<del> </del>	<del></del>
72/ 71		1				• }	• 2	. 4	. 4	,	, .	) )		1	] ]		}	35	35	ļ	1
70/ 69				• 1	!	• 2	• 5								├			59	60 59	<del> </del>	<del></del>
63/ 67		) [	_	• 0	• 1	•5 •7	1	. 5	. 2	• 3	į			[	1 1		Í	84	84	١,	1
547 63		<del> </del>		• 2	• 3		1.1	• 7	-3	-	<u> </u>			<del>}</del> -	┼┼			96	96	15	
62/ 61			• 1	7	1.7	1.2	1.5	. 4	. 3	• 1		]		]	]		1	125	125	31	1
40/ 59		- 5	- 5	• 7	1.7	.9		- 3	•1	• 7	<del> </del> -	<del>   </del>		<del> </del>	<del>   </del>			117	117	54	-
F3/ 57		. 8	.9	1.2	1.1	1.7	i .	. 1		1 •	1				1 1		1	139	139	89	1.4
56/ 55	• 1	+		1.3	1.3	. 9	- 3			<del> </del>	<del> </del>			<del>                                     </del>	<del>{</del> †		<u> </u>	154	154	179	
14/ 53	. 1	1!	1.8		1.1	7	. 5	.2	• n		ĺ				}		1	164	164	184	1
F2/ 51			2.7	1.6	1.4	• 5		• 1	- 0	<del></del>	<del> </del>			<del> </del>	<del>                                     </del>			183	183	209	7
50 / 49	• 1	) <u> </u>	3.1	1.8	7	.5		.0	l	]	}	,			1		ļ	179	179	199	143
42/47	• 1	2.0	2.3	1.8	. 7		.0			<del>                                     </del>	1							168	168	230	
46/ 45	. 1	1	2.3	1.3	. 6	•1	' '			1		(		ì			ľ	164	164	217	•
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18/ 17		لبيا	L			<u> </u>	<u> </u>	<b> </b>	<u> </u>	Ļ	<u> </u>			L	إحبا		<u></u>	<u></u>	L	<u> </u>	<u> </u>
Element (X)		Σχο			Σχ		X	σ _N		No. O	bs.					$\overline{}$		th Tempera			Panel
Rel. Hum.						-+		<del> </del> -	-+-			20 F	<del>-   '</del>	≦ 32 F	≥ 67 F	<del>'</del> '	:73 F	2 80 F	1:93	<del>-  </del>	Total
Dry Bulb				<u> </u>		-+-		<del> </del>							<del> </del>			<del> </del>	+		
Wet Bulb				<b>}</b>				<del> </del>							<del> </del>			+	<del> </del>		
Dew Point	1			I		í		i			1		_ L		1			L	L	L	

ZILIG LEMOUPE, CA 73-92 NCV
STATION STATION HANTE YEARS NORTH
PAGE 2

																				HOURS	(L S Y )
Temp.							WET BU											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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16/ 9		1		ĺ													1				. ?
8/ 7 5/ 5			₩-	<del></del>	<u> </u>		├	<u> </u>	<del></del>	<u> </u>	<del> </del> ———						<del></del>	<del></del>			
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Element (X)		Σχ²	L	<del> </del>	Σχ		X	σ _z	ــــ	No. Ot	L				Many I	No of t	America 1445	th Tempere		<u> </u>	
Rel. Hum.			6491	•	3647	7 4			44	24		50 F		32 F	247 F		:73 F	± 80 F	2.93	-	Total
Dry Bulb			3567		2565	* R	2.4	7 7 4	-	24		207		19.7			20.2				720.0
Wet Bulb			6072		1085	2 3	6.2	7.8	71	24				31.5	740	-	5 - 9 6	7.0	•	-+	720.0
Dew Point		70	0964	<del>                                       </del>	9534	1 7	9.7	9.2	A &	29				36.5	_			<del>                                     </del>	+	<del>-  </del>	720.0
UW FORT		272	70707	1	<u>7339</u>	<u> </u>	7 . [	906	7 DI	69	uu l			الأو وور				I	1	1	/ ZU a U

23110 LEMGORE, CA 73-82 DEC
| STATION | STATION HAME | PAGE 1 | HOURS (LST.)

τ							WET BUI	R TEMPI	DATHOE	DEPRES	ION (E)							1		TOTAL	(L S T.)
Temp. (f)	0	1 - 2	3 - 4	5 - 6	7.8							21 - 22	23 . 24	25 - 26	27 - 28 2	29 - 30	≥31	TOTAL D.S./W.S.	Dry Builb		Dew Point
76/ 75			-	0.0	<u> </u>				<del></del>	• 1					J. J.	- 50			2	1	
74/ 73										•	. 5			í í		1		1	,	1	ł
72/ 71				<del> </del>						•0								<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
707 69			l					. 1		•0								1	į		
65/ 67				<u> </u>				• 1	.0							$\neg$		6	6	<del> </del>	
66/ 65			ì			2	• 1	. 1	• •					] ]	. }	1		18	18		
64/ 63		<del> </del>	<del> </del>	•1	•1	•2	• 2	. ()										26	26		
62/ 61		٠,	1 ,					• ()						1 1		l		36	36	1	l
60/ 59		• 2		• D	. 8	. 8	• 3	• 1	<del></del>					<del>                                     </del>	<del></del>			81	81		2
58/ 57	• 1	. 2	i .		. 8	1.3	. 2	••				İ			.			98	98	16	6
55/ 55	• 2	1.0			1.3	• 6	• 2	• 1								$\neg \dashv$		144	144	+	
54/ 53	. 3	1.2			8	•5	. 1	• •						] ]				146	146	1	30
52/ 51	• 2	1.2		1.8	• 6	•2	• 2											175	175		
50/ 49	• 2	2.2	-		- 5	.1	. 1			'					}	- 1		192	192		71
48/ 47		3.4			• 1	• 1	2			<del></del>								198	188		
46/ 45	.6	4.5			. 1	ני		!							i [			242	242	_	204
44/ 43	.8	4.6		.6	• 1	•1	-											215	215		255
42/ 41	1.1	3.8		. 4	. 1	••												222	222		281
40/ 39	1.3	3.3		•1	• 2											$\neg \neg$		177	177		297
33/ 37	•5	3.5	1	.1	, , ,									} }				141	141	202	214
36/ 35	• 3	2.7	.7	• 1														94	94		216
34/ 33	. 3													{ {				95	95	114	
72/ 31	. 4	2.5																81	81		
30/ 29	. 3	1.3	I .	j	İ .								ĺ					43	43	78	129
28/ 27	• 2	.9																33	33	46	76
26/ 25		. 4	1	{	} ;		1		}				}	} }				9	9	23	74
24/ 23	• 0	• 2												[ ]				7	7		40
22/ 21	• n		1				Í	'	1					ĺĺ	1	_	l L	1 _ 1	1		3 .
20/ 19																					19
18/ 17			ļ											<u> </u>		]				l	9
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TOTAL	7.1	39.8	28.2	11.3	6.2	4.8	1.9	• 5	•0	• 2	•0								2477		2477
																		2477		2977	L
Element (X)		Σχ³			Σχ		X	σ _x		No. Ot					Mean I	to. of H	leurs wi	th Tempera	iture		
Rei, Hum.			7239		9040			14.5		24		20 F		32 F	247 F		73 F	≥80 F	1:93		Total
Dry Bulb			5245		1318		5.7	8.6		24			_	52.3	3,	9	. •	<b></b>			744.0
Wet Bulb			5646		0463		2.2	7.1		24				78.4	L			<b>├</b>	<del></del>		744.0
Dew Point		375	7340		7470	0 3	1.2	7.9	33	24	77			59.5				<u> </u>			749.R

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23110 LEMCORE, CA 73-32 ALL
STATION STATION HARE PAGE 1

<del></del>							WET BUL	B TEMPS	PATURE	DEPRES	SION (E)							1	<del></del>	TOTAL	(L.S.T.)
Temp. (F)		1.2	3 · 4	5 - 6	7 - 8							21 - 22	23 - 24	25 - 26	27 - 26	29 - 30	≥ 31	TOTAL D.B./W.B.	Dry Bulb		Dew Point
12/111				3.0		7.10					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-		20 1 10		1	• 77		1		
113/109						í	Î	[	i		ĺ	Í			1	1	n	1 -	6	ł	
103/107		1														•0	-		27		
106/105		<u> </u>	1		1	ł	- {	ł			1	ł		.0					62	}	ļ
104/103						1								• 2							
102/101		<b>,</b>			. ]		]	J			1	.,	1	.c		. 2				1	1
100/ 99													•0		. 2				231		
28/ 97					[	- {	[	- 1	, c	•0	0.0	.0	.0	.2		. 3	- 2	298	298	ł	l
76/ 95									•0		.0	.1	• 2	• 3	• 3	. 3	• 1		359		
94/ 93					1	1	- {	1	•	•Ç	1		. 4	. 5		. 1	- 0		428	}	1
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93/ 89					} }	}	. 0	• 0	. 0	.1	.2	.4	• 5	. 3	• 1			505	505		1
98/ 87		1					.0	. 0	.0		. 4	.5		• 2	• 1	7		507	507	[	
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84/ 83							٠,٥	- 1	. 2	.4	.5	. 4	. 3	• 1	• 0			593	593		
827 81					.0	.0	• 0	2	. 3	. 5	.6	. 3	• 2	.0		<u> </u>	<u> </u>	654	654	1	L
90/ 79					.0	.0	• 1	. 3	. 6	. 6	. 5	• 2	• 1	•0		7	1	715	715	6	
78/ 77			• ^	-0	- 0	• 0	. 2	- 5	. 7	. 6	. 3	.1	• 0	•0		<u>i                                     </u>	<u> </u>	747	747	11	L
76/ 75				•0	Ω•	• 1	. 4	. 6	.6	. 6	. 2	. 1	• 0			1		814	814	67	
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72/ 71		• D	• 0	0	• 2	.5	. 8	. 6	. 6	. 3	- 1	•0				į		950		1	
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69/ 67	• :			. 2	. 5	. 9	1.0	. 6	• 3	.1	0.	• 0		<u> </u>		ĺ	1	1055	-		1 -
56/ 65		.0		. 4	. 7	. 9	1.0	. 6	. 2	.1	• 0			L	L	ļ	<b></b>	1206		<del></del>	·
64/ 63	• 0	- 1	• 2	.6	• 9	1.2	. 8	• 3	• 2	•1	1	1	1	{	(	1		1225		1522	
62/ 61	• 0		- 3	. 6	$\overline{}$	• 9	• 5	• 2	•0		<del></del>					<b> </b>	<del> </del>	1128		1580	
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56/ 55	• 1	1			1.1	• 6	• 2	• 1	_			j			]		1	1406	1	1997	
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52/ 51	• 1	. 8	1.5			•2	• 1	• 0	• 0	[	1	ĺ		[	(	{	ł	1505			
50/ 49	• 2	<del></del>		.9		1	•0	<u>• 0</u>				<u></u>			<u> </u>	<b>↓</b>	<b></b>	15.45			
48/ 47	• 1	1	1.3	. 7		•1	• 0			}		)		]	]	}	1	1554		1908	1
46/ 45	• 2		1.4	• 5		<u>•0</u>	C	لييب		<u> </u>	L	<u> </u>	<u></u>	<u></u>	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	1130	1198	1119	2842
Element (X)		Σχ*			Σχ		X	$\sigma_{\chi}$		No. O	bs							th Tempera			
Rel. Hum.												≤01		32 F	2 67	•	273 F	280 F	E 93	<u> </u>	Total
Dry Bulb													$-\!\!\!\!+\!\!\!\!\!-$		<u> </u>	-		<u> </u>			
Wet Bulb																		<del>  </del>	<del></del>		

LEMGORE. CA PAGE 2

Temp.								LB TEMPE										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	D.B./W.B.	Dry Bulb		Dew Point
44/ 43	• 3	1.6	1.1	• 3	• 1	• 0	1								}		T -	983	980	1600	2729
42/ 41	. 4	1.3	1.0	. 3	• 1	• 11	•0							l			<u> </u>	876	876	1312	2519
47/ 39	. 4	1.4	. 7	• 1	• 0					_							]	744	744	1049	2242
38/ 37	• 2	1.1	. 4	1	n	• 0											<u> </u>	522	522		1645
367 35	• 2	. 7	• 2	• 1														353	353	569	1530
34/ 33	• 1	. 6		0.0			[		Ĺ									257	257	409	1163
727 31	• 1	. 4	• 1										i					171	171	258	743
32/ 29	• 1	. 3		•0						}				L	L	<u> </u>		114	114	196	561
23/ 27	• 0	• 1	• 5				1							ł				56	56	103	351
75/ 25	0	1		• 0				l	<u> </u>	<u> </u>		i	L	l	L			23	23		
24/ 23	•0	.5																16	16	27	159
22/ 21	0	<u>.</u> a	L	L			L	<u>i</u>		<u> </u>							<u> </u>	5	5	11	
201 19	• 0													1	1		1	1	1	2	57
13/ 17							ļ			L			<u> </u>		<u> </u>		<u> </u>				26
16/ 15						-	}								}		1		i	}	18
14/ 13						Ĺ	<u> </u>						i		l	L.	<u> </u>			L	3
12/ 11		Γ		]				J													1
17/ 9						l							L	<u></u>		Ĺ	1	<u> </u>		<u> </u>	
8/ 7				ļ —												Ì				İ	2
6/ 5	_	i	i	Í		L	ļ			İ				L	<u> </u>						2
TOTAL	2.7	15.C	13.9	10.4	9.6	8.5	7.5	6.3	5.0	4.4	3.7	3.1	3.0	2.4	1.8	1.	3 1.5		29213		29213
				L		L	L							<u> </u>		<u> </u>		29213		29213	
			ļ				Ì	1							1		ļ	1			
		<u> </u>		<u> </u>										ļ	<u> </u>	<u> </u>		<u> </u>	ļ	<u> </u>	Ļ
		Ī			ļ		<b>[</b>		]				[			[	1	ĺ		1	
li			l			İ				L		L		<u> </u>	<u> </u>	<u> </u>					
						ľ					}	1	ł	ŀ	ł	}	1	ł	ł	l	1
		l		i			L			L				<u> </u>	<u> </u>		1	ļ			ļ
						[	]				_		]	j	j	]	]	1	ļ		, ,
L1			L															<u> </u>	L	L	<b>↓</b> _
														_					•		
1		1	L		L	L_	1	<b></b>	11	L	L			<u> </u>		<u></u>	1	L			
			1											I							
1 1		l	l	l	l		L	l			l 			ļ.,,		1	1			<u> </u>	
Element (X)		$\Sigma_{\chi^2}$			Σχ		X	σ _X	$\Box$	No. O					Mean	No. of	Hours w	th Tempera	ture		
Rel. Hum.	1	0091	2688		6637			22.5		292		20 F		32 F	≥ 67		≥73 F	280 F	≥93		Total
Dry Bulb	1	2369	2166	10	3522	C 6	2.8	16.9	57	292								1619.	1 516	.6 8	760.0
Wet Bulb		8415	2425	15	4002	5 5	2.7	10,0	77	292				92,1			82.5	1.	2		760.0
Dow Point		5994	6794	13	0058	0 4	4.5	8.4	86	292	13		6	22.5	_21	.0	1.0				740-0

#### MEANS AND STANDARD DEVIATIONS

DRY-RULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

27110

LEMGORE, CA

73-82

STATION			S	TATION NAME						YEARS			<del></del>	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	42.0	45.4	47.2	50.6	58.6	66.1	70.3	68.5	65.0	56.2	46.0	41.3	54.8
31	S. D.	6.868	5.500	5.911	5.719	7.026	6.217	5.009	5.269		6.642	6.747	6.689	11.97
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
•	MEAN	40.6	43.4	44.9	47.1	53.8	62.7	64.5	63.7	60.7	52.6	43.9	39.7	51.3
0.4	S. D.	7.481	6.133	6.115	5.594	6.318	6.103	5.269	5.288	5.691	6.631	7.165	7.282	10.66
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
								ļ						
ļ	MEAN	39 . 8	42.1	45.2	52.3	62.0	69.2	72.4	69.3	64.2	53.0	42.4	38.6	54.3
• •	S. D.	7.515	6.620	5.818	5.669	6.966	7.030	5.262	5.566	5.703	6.793	7.312	7.499	13.78
	TOTAL OBS	310	282	310	300		300	310	310	300	310	300	310	365
				<u> </u>										
j	MEAN	46.2	52.5	57.2	65.0	74.6	81.7	85.9		79.2	70.3	55.9	46.4	66.6
1 ~	\$. D.	6.119	5.300		7.098	8.289	8.087	66212	6.234	6.761				15.45
	TOTAL OBS	310	282	310	300	310	300		310	300	310	300	310	365
				ļ										
1	MEAN	52.9	60.1					94.8		87.7	78.6	63.9	54 . 2	74.3
1.3	S. D.	6.998			8.474			6.318						16.37
<u></u>	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
				ļ <u>.</u>										
i	MEAN	54.2	61.4	_		84.2			94.2		79.0	64.0	54.8	75.7
16	S. D.	7.174			9.112									17.06
	TOTAL OBS	310	282		350	310	300	310	310	300	310	300	309	365
	4.5431								-					
	MEAN	47.3	53.1			75.4				77.4	66.8	54.1	47.3	66.7
17	S. D.												5.312	16.17
	TOTAL OBS		282	310	300	310	300	310	310	300	310	300	309	365
				-		4 0 0		-	90.	4.0				
	MEAN	43.9	48.1		54.5	64.1		76.9		67.8	59.5	48.7	43.3	58.9
22	S. D.			L .	6.320				5.242					13.29
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	36.5
	MEAN	45.8	50.0	53.4	59.6	49.6	77.3	ALAC	78.6	74.2	64.5	52.4	45.7	62.8
ALL	S. D.				11.623			12.460	12.184			10.697		16.75
HOURS	TOTAL OBS	2480		2980			2400	,				2400		2921

#### **MEANS AND STANDARD DEVIATIONS**

WET-PULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS.

2311. LEMOORE, CA

73-82

STATION			51	TATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	40.2	43.2	44.2	45.7	50.6	55.2	59.1	58.5	55.9	49.1	42.1	39.1	48.6
O i	S. D.	6.657	5.364	5.934	4.670	5.206	4.422	3.911	4.179	4.984	5.950	6.378	6.382	8,796
	TOTAL OBS	310	292	310			300	310	310	300	310	300	310	3652
	MEAN	39.0	41.5	42.5	43.4	47.9	52.4	56.1	55.9	53.5	47.0	40.6	37.6	46.5
84	\$. D.	7.229	5.843	6.090	5.034	5.134	4.876	4.257	4 . 285	5.232	6.298	6. 944	6.975	8.571
	TOTAL OBS	310	292	310	330	310	300	310	310	300	310	300	310	3652
	MEAN	38 . 3	40.5	43.1	47.5	53.2	57.3	60.2	59.2	56.0	47.5	39.6	36.9	48.3
5.7	S. D.	7.292	6.251	5.660	4.482	4.893	4.619	3.569	3.731	4.989	6.119	7.138	7.220	10.014
	TOTAL OBS	3.10	282	310	_ 300	310	300	310	310	300	310	300	310	3652
	MEAN	43.9	49.0	51.2	53.9	58.6	62.4	65.8	65.0	63.3	57.5	49.6	43.6	55.3
10	S. D.	5.682	4.591		4.492	5.090	4.645	3.449	3.452	4.275	4.755	5.215	5.211	8.972
	TOTAL OBS	310		310								300	310	3652
	MEAN	47.8	52.7	53.6	56.3	61.2	65.2	68.6	68.1	66.5	60.4	53.3	46.1	58.5
1:	S. D.	5.679	4.560	5.147	4.657	5.291	4.520	3.273	3.165	4.224	4.751	5.035	4.615	8.593
_	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	48.2	52.9	53.6	56.4	61.3	45.6	69.3	68.6	66.6	60.0	52.9	48.2	58.7
15	S. D.	5.494	4.469	5.083	4.748	5.334	4.469	3.174	3.357	4.298	5.009	5.173	4.569	8.726
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	44.2	48.6	47.6	52.3	58.2	63.4	67.3	65.7	62.2	55.0	47.6	43.6	54.8
10	S. D.	5.559	4.405	5.1.5	4.740	5.363		3.609	3.791	4.774	5.476	5.256	5.091	9.438
	TOTAL OBS	310	262	310	300	310	300	310	319	300	310	300	309	3651
	MEAN	41.7	45.3	46.2	48.0	53.3	58.5	62.7	61.4	58.4	50.9	43.9	40.6	51.0
2.2	\$. D.	6.280		5.574	4.724		4.767			5.015	5.792	5.733	5.823	9.117
	TOTAL OBS	310	282	310	300	310	100	310	310	300	310	300	309	3651
ALL	MEAN	42.9	46.7	48.D	50.4	59.5	60.0	63.7	62.8	40.3	53.4	46.2	42.2	52.7
HOURS	S. D.	7.196	6.794	4.954	6.599	6.961	6.573	5.826	5.814	6.614	7.566	7.401	7.115	10.074
	TOTAL OBS	2980	2254	29 80	2400	2480	2400	2910	2480	2900	2480	2400	2977	29213

#### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

27110

LEMOORE. CA

73-82

HRS.(L.S.T.) FEB. MAR. MAY SEP. OCT. ANNUAL 57.8 MEAN 37.3 36.0 40.6 40.9 40.1 42.9 45.7 50.7 48.2 41.8 42.8 6.104 7.395 S. D. 5.784 6.749 5.403 5.787 7.466 7.231 7.788 8.107 7.248 8.383 6.241 TOTAL OBS 300 310 300 310 310 300 310 300 3652 41.9 39.4 39.6 39.1 44.4 49.3 49.4 47.0 40.9 36.4 35.1 41.7 S. D. 7.829 6.363 7.213 6.313 5.913 6.630 5.607 5.776 7.305 8.024 8.351 7.697 8.476 TOTAL OBS 310 30C 310 300 310 310 300 3652 MEAN 47.7 51.3 51.7 49.3 43.0 36.3 38.6 40.6 42.6 45.4 41.8 7.826 6.620 6.576 5.930 5.567 6.230 4.794 5.103 7.112 7.574 8.313 S. D. 7.917 8.906 TOTAL OBS 300 310 300 310 310 300 310 300 292 3652 48.5 MEAN 46.0 53.0 53.2 52.5 47.0 43.3 43.9 40.3 45.5 45.4 46.6 6.389 7.059 1 3 S. D. 6.694 5.731 6.954 6.280 6.084 6.862 4.943 5.119 6.200 6.238 7.543 TOTAL OBS 300 300 310 300 310 292 310 300 310 310 310 310 3552 44.9 43.1 45.1 48.1 52.5 7.583 6.672 6.719 6.878 5.221 MEAN 42.7 53.7 53.0 46.1 46.4 43.7 46.8 6.543 6.575 7.095 6.150 S. D. 7.045 1: 6.083 4.804 7.619 TOTAL OBS 300 310 300 310 _310 310 30G 310 300 3652 310 282 MEAN 52.1 53.0 52.0 42.4 45.9 44.2 42.0 43.6 47.3 45.1 7.178 6.258 7.912 7.021 6.807 6.811 5.417 5.228 7.894 S. D. 6.727 7.276 7.394 6.573 10 TOTAL OBS 300 3651 310 300 310 300 _310 310 300 310 40.6 MEAN 40.6 44.3 43.5 42.3 44.1 47.4 53.5 53.9 51.4 44.6 45.5 S. D. 7.581 6.790 6.921 7.656 6.008 5.194 6.977 7.690 7.377 6.459 6.849 5.566 8.325 TOTAL OBS 310 300 310 310 300 310 300 309 3651 300 42.0 41.3 43.6 47.2 52.8 52.5 49.4 42.4 38.3 37.3 7.564 6.623 5.890 6.764 5.756 5.562 7.294 7.943 7.771 6.828 MEAN 44.0 42.3 S. D. 8.489 ?? 7.210 5.803 TOTAL OBS 300 310 310 300 310 300 310 282 310 300 31d 3651 50.3 43.8 39.7 38.2 4.246 7.433 42.6 41.8 44.1 47.1 51.9 52.3 50.3 7.621 6.650 6.350 6.920 5.552 5.517 7.218 MEAN 44.5 39.5 42.7 ALL 5. D. 7.727 7.607 6.656 8.406 HOURS TOTAL OBS 2400 2480 2480 2400 2900 2480 2400 2980 2980 29213

27110 LEMOGRE, CA

71-42

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ON STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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MONTH	HOURS	1		PERCENT	AGE FREQUEN	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	01	100.0	100.0	100.0	100.0	99.7	97.4	91.6	72.3	28.4	65.3	315
	34	100.0	100.0	100.0	100.0	99.7	99.4	97.1	77.7	32.6	86.9	31
	77	100.0	100.0	100.0	100.0	100.0	99.7	97.1	83.2	35.8	87.7	310
	10	100.0	100.0	100.0	100.0	98.4	92.9	81.3	63.5	35.2	C 3 • 4	310
	13	100.0	100.0	99.7	96.1	83.5	68.4	51.7	29.7	13.5	70.4	310
	16	100.0	100.0	98.4	91.6	77.4	61.6	44.8	22.6	7.7	66.4	310
	10	100.0	100.0	100.0	100.0	97.1	90.6	77.4	44.5	16.1	78.6	310
	22	100.0	100.0	100.0	99.7	99.4	96.8	89.7	62.9	25.8	83.5	31
<b>TO</b> 1	ALS	100.3	100.0	99.8	98.4	94.4	88.4	78.8	57.1	24.4	90.3	2480

23110 LEMOORE. CA

73-82

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STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
FFP	31	100.0	100.5	100.0	100.0	99.6	97.9	91.1	69.1	25.5	54 - 1	232
	0.4	100.0	100.0	100.0	99.6	99.6	98.6	94.7	79.1	28.4	P6.2	5 a S
	97	100.0	100.0	100.0	100.0	100.0	99.6	97.2	82.6	31.2	87.5	292
	1 -	193.5	100.0	99.6	99.3	96.5	90.4	68.4	43.6	17.0	77.5	282
	17	100.0	100.0	99.3	90.8	74.1	52.1	29.4	13.1	3.2	61.8	282
	16	100.0	79.6	97.9	14.8	63.5	38.7	21.6	9.6		57.4	2 4 2
	1¢	100.0	170.0	100.0	99.3	95.7	84.8	61.3	27.3	6.0	73.2	282
	2.2	133.6	100.0	100.0	100.0	99.6	96.1	86.5	51.8	14.9	80.9	2 * 2
						-						
<b>T</b> 01	TALS	100.0	100.0	99.6	96.7	71.1	82.3	60.8	47.0	15.8	76.1	2256

23110 LIMPORE, CA

STATION NAME

73-97

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
: AD	51	100.7	100.0	160.0	79.7	97.7	91.3	52.3	51.9	11.6	79.4	31
	ું ધ	100.0	100.0	100.0	69.7	99.4	94.8	88.7	64.8	15.5	82.2	310
_	717	100.0	100.0	100.0	100.0	99.0	96.1	91.9	74.5	22.9	84.6	310
	1"	100.0	100.0	99.4	95.8	83.9	68.1	40.C	13.5	1.6	66.0	310
	1 7	100.0	99.0	94.5	80.3	56.5	30.0	11.9	3.9		53.3	310
	16	100.0	98.4	90.6	73.5	48.7	28.7	14.5	3.9	• 3	51.4	310
	13	100.0	99.7	98.7	92.6	82.6	65.5	42.3	15.6	1.6	65.6	315
	22	100.0	100.0	99.7	98.1	93.5	87.4	70.0	37.4	8.1	75.1	<b>31</b> 0
					ļ							
701	TALS	100.0	79.6	97.9	92.5	82.7	70.2	55.2	33.2	7.7	69.7	7490

2.311	LEMBORE, CA	73-82	6 D 1
STATION	STATION NAME	PERIOD	

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HTMOM	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN - RELATIVE	TOTAL NO OF
MONIN	(Ł.\$.T.)	10%	20%	30%	40%	50°。	60°•	70%	80%	90%	HUMIDITY	OBS
. PE	31	100.0	100.0	99.0	95.7	88.7	71.0	50.3	23.7	3.3	69.1	<b>3</b> 16
	a s	100.0	100.0	99.7	79.5	94.3	86.7	66.0	36.0	10.3	75.0	, ; ~ ^
	17	100.0	100.0	100.0	96.3	91.3	74.7	53.7	31.3	7.0	71.4	****
	10	100.0	38.7	91.7	70.3	40.3	17.0	6.3	2.3	:	46.4	<b>*</b> 10
	1.7	100.0	94 • □	69.3	36.3	13.0	6.3	4.0	1.0		38.0	310
	14	100.0	68.3	57.3	30.7	12.7	6.3	3.0	1.7	. 3	35.5	 305
	10	106.0	97.3	91.0	67.3	46.3	23.7	11.0	2.3		49.7	300
	:3	100.0	49.0	96.7	93.7	79.0	56.3	35.3	11.3	2.3	63.2	300
						-			<b></b>		<del> </del>	<b></b>
				-						-	<b> </b>	
101	ALS	100.0	97.2	88.7	73.7	55.2	42.8	28.7	13.7	2.9	56.3	2400

2 111 LEMOGRE, CA

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
· A.4	0.1	188.8	100.0	100.0	73.5	70.6	36.8	10.0	2.3		57.2	310
	<u> 1,4</u>	100.0	170.0	99.7	78.7	90.3	62.6	29.7	11.9	1.0	65.1	313
	, ?	160.9	100.0	99.4	91.6	65.2	32.9	9 • €	1.6	• 3	55.6	310
	1 7	100.0	78.7	75.5	35.2	8.1	1.3	.6			37.3	310
	1,	100.0	94.2	35.8	7.7	1.3	1.0	• 3	• 3		25.4	310
	1 *	100.0	71.3	16.9	3.5	1.5	•3	.3			25.1	310
_	7.	100.0	9.3.9	61.9	21.3	7.1	2.3	1.3			34.2	310
	7.2	160.0	100.0	96.8	77.1	36. A	12.9	4.5	1.0		4.34	310
						ļ ————		1				
· · · · · · · · · · · · · · · · · · ·						<u> </u>						ļ
TO	TALS	100.0	23.5	73.2	53.6	35.1	18.8	7.0	2.0	• 2	44.5	2460

23116 LEMCORE, CA

STATION

STATION NAME

73-82

JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
، د بان	** <b>1</b>	100.0	79.7	96.0	76.0	45.3	14.7	2.7	• 3		49.1	370
	r. <b>4</b>	100.0	100.0	99.3	P8.7	68.3	46.3	15.3	2.3		57.4	370
	c, *	100.0	170.0	92.3	69.0	42.0	16.7	3.3	• 3		48.0	300
	1 ~	100.0	21.3	54.3	20.7	5.0	1.7	• 7			33.0	300
	1.7	100.0	66.3	20.7	3.0	1.0	.3				24.6	300
	16	100.0	49,7	11.0	2.0	1.7	.7	• 3			22.1	300
	17	100.0	84.3	31.0	7.3	2.5	1.0	• 3	• 3		27.7	310
	2.2	100.0	99.3	86.0	52.0	15.7	4.0	1.3	•3		41.5	300
	<del></del>											
tot	ALS	100.0	56.3	61.3	39.6	22.5	10.6	3.0	. 4		37.9	2400

27110 LIMPORE, CA

73-82

JUL

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HTMOM	HOURS			PERCENTA	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIN	(L.\$.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUL	01	100.0	100.0	99.4	A5.5	51.0	13.5	2.9	• 6		50.8	310
	14	100.0	100.0	100.0	95.5	77.1	41.9	12.9	3.5	. 3	58.8	310
	37	100.0	100.0	98.7	79.0	38.7	11.6	1.9		- <u></u> -	48.4	310
	10	100.0	98.4	55.5	17.4	4.7	•3				33.2	<b>31</b> 0
	13	100.0	72.9	17.7	4.2	. 3					24.8	310
	16	100.0	51.6	10.6	2.6	1.0	•3				22.5	310
	10	100.0	92.9	40.0	6.8	1.3	.6				29.9	310
	2.2	100.0	100.0	95.8	64.8	19.4	3.5	.6			43.8	310
TOT	ALS	100.0	89.5	64.7	44.5	24.1	9.0	2.3	. 5	•0	39.0	2480

27116 LEMBORE, CA

73-82

LUG

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
aua	01	100.0	100.0	99.4	90.6	60.D	31.9	2.1	•6		54.3	310
	() <b>u</b>	100.5	100.0	99.7	76.5	78.7	48.7	22.9	5.5		60.9	310
	^ <b>7</b>	100.0	100.0	99.7	87.1	61.0	34 .8	9.7	1.3		54.9	319
	10	100.0	1.30	73.5	31.6	7.7	1.0	•6	•3		37.C	310
	17	100.0	86.8	32.9	6.8	1.6	.6	• 3			28.5	310
	3.6	100.0	74.5	21.6	3.2	1.0	1.0	• 3			25.8	310
	1 7	130.0	100.0	75.5	72.3	3.2	1.0	1.0			35.8	310
	2.7	100.0	100.0	99.0	78.4	34,5	9.7	1.3	1.0		47.7	31
											1	
<b>TO</b> 1	TALS	190.0	04.9	75.2	52.1	31.0	16.1	5.5	1.1		43.1	248

#### RELATIVE HUMIDITY

23110 LEMOOPE. CA

73-82

356

STATION

STATION NAME

PERIOD

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
เกค	01	100.0	100.0	99.3	35.7	62.3	36 • 3	15.0	5.7	• 3	56.0	300
	7,4	100.0	100.0	100.0	97.0	73.7	54.3	28.3	12.7	2.7	62.3	300
	-,-	100.0	100.3	100.0	20.3	69.7	45.0	24.7	10.7	2.0	60.2	300
	1."	100.0	79.7	84 - 3	44.3	17.7	7.0	3.0	1.3		41.1	300
	1?	100.0	91.0	45.3	16.3	5.0	3.3	1.7	1.3		32.1	300
	1+	103.0	P7.0	36.3	10.3	3,3	2.3	1.7	1.0		29.5	300
	17	100.0	100.0	85.3	47.0	17.0	5.7	2.3	1.3		41.5	310
	77	100.0	190.0	98.7	72.3	43.7	20.3	6.3	2.3	.3	40.9	310
												<del> </del>
101	ALS	100.0	77.2	81.2	57.9	36.6	21.6	10.4	4.3	.7	46.6	2400

### RELATIVE HUMIDITY

20110 LEMCORE, CA

73-82

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STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MUNIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
· r τ	94	100.0	170.0	99.7	73.9	78.1	45.5	16.7	6.3	1.6	59.9	313
	3 fs	100.0	100.0	100.0	78 - 1	90.0	63.5	33.9	12.3	1.0	65.7	310
	.3.7	100.0	100.0	100.0	≎8.4	89.4	69.4	39.7	15.5	3.2	67.0	310
	17	100.0	120.0	98.1	50.2	30.0	10.6	2.9	1.0		45.0	310
	17	100.0	₹5.5	\$5.5	23.2	6.5	2.3	•6	. 3	• 3	33.6	315
	16	190.5	86.8	47.7	19.0	7.1	3.5	1.3	1.0	• 3	32.1	310
	10	100.0	19.0	74.5	64.8	27.7	14.2	5.8	1.6	.6	46.4	310
	22	100.0	99.7	98.1 .	89.4	59.7	26.5	11.3	4.5	1.3	54.7	310
	-								<u> </u>			
<b>TO</b> 1	ALS	100.0	27.6	85.5	68 . 4	48.6	29.4	14.3	5.4	1.2	50.6	2480

#### **RELATIVE HUMIDITY**

23110

LEMODRE, CA

73-67

NOV

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
A DV	91	190.0	100.0	99.3	07.7	93.3	80.0	63.3	32.3	7.7	73.0	300
	; 6	107.7	103.0	99.7	99.0	98.0	87.0	71.7	39.3	8.7	75.9	300
	: 7	100.0	100.0	99.7	9.7	98.7	93.0	75.3	46.3	10.0	78.2	300
	1.7	100.0	100.0	98.7	92.7	76.7	57.7	37 · C	21.3	8.0	65.0	300
	1.	100.0	99.0	90.3	70.3	43.7	24.7	13.0	3.7	.7	50.3	300
	15	100.0	08.7	86.7	63.3	36.3	20.7	11.3	5.3		48.1	300
	10	100.0	\$9.7	98.7	93.0	74.7	55.0	33.3	10.3	7.7	62.3	300
	12	100.0	100.0	99.7	98.7	90.7	72.0	49.3	19.7	4.0	68.8	300
									-			 
							ļ					
TO:	ALS	190.0	79.7	96.5	89.2	76.5	61.3	44.2	22.2	5.2	65.2	2400

### **RELATIVE HUMIDITY**

23110 LIMOORE, CA

77-07

25.0

STATION

STATION NAME

PERIOD

MONT

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
MONIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
DFC	01	100.0	100.0	100.0	100.0	99.0	98.7	89.0	57.1	19.7	82.0	313
	14	100.0	170.0	100.0	9.7	99.7	98.7	92.9	67.1	21.0	83.9	310
	7	100.0	100.0	100.0	100.0	99.7	99.0	95.5	72.6	25.2	85.2	310
	10	100.0	100.0	100.0	99.7	98.4	92.3	76.1	51.6	24.8	80.7	310
-	1.3	100.0	100.0	99.4	75.2	79.7	57.1	38.7	19.0	7.1	65.4	310
	14	100.0	100.0	98.7	92.6	73.1	53.4	35.9	14.9	7.6	62.8	309
	19	100.0	100.0	100.0	99.4	97.1	90.3	68.0	32.4	6.5	75 - 1	309
	27	100.7	100.0	100.0	99.7	98.7	96.8	84.5	46.9	11.7	76.8	309
	·				<del> </del>				-			-
101	ALS	100.0	170.0	99.8	ಿ8.3	93.2	85.8	72.6	45.2	14.8	76.9	2477

### RELATIVE HUMIDITY

2 11 1 0

LEMOOPE, CA

75-82

ALL

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	ALL	100.0	100.0	99.8	48.4	94.4	88.4	78.9	57.1	24.4	£0.3	2451
FEG		100.0	170.0	99.6	76.7	91.1	82.3	68.8	47.0	15.8	76 - 1	2256
21 <b>.</b> ¶©		100.0	9.6	97.9	92.5	62.7	70.2	55.2	33.2	7.7	69.7	2480
ь <b>р</b> д		100.0	77.2	88.7	73.7	58.2	42.8	28.7	13.7	2.9	56.3	2400
4AY		130.0	·3.5	73.2	53.6	35.1	18.8	7.0	2.0	• 2	44.0	2450
JULY		100.5	84.3	61.3	39.6	22.5	10.6	3.0	. 4		37.9	\$400
J''L		130.0	89.5	64.7	44.5	24.1	9.0	2.3	•5	.0	39.0	2485
4113		130.0	24.9	75+2	52.1	31.7	16.1	5.5	1.1		43.1	2485
٠٢٥		100.0	~7.2	81.2	57.9	36.t	21.5	10.4	4.3	.7	46.6	2400
16T		100.0	97.6	85.5	68.4	45.6	29.4	14.3	5.4	1.2	50.6	2480
MOV		100.0	99.7	96.6	P9.2	76.5	61.3	44.2	22.2	5.2	65.2	2400
orc		100.0	100.0	99.8	08.3	93.2	85.8	72.6	45.2	14.8	76.9	2471
701	TALS	100.0	c6.3	85.2	72.1	57.8	44.7	32.6	19.3	6.1	57.1	29213

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

٧s.

WIND DIRECTION

TATION JANUARY 1973-DECEMBER 1982 JANUARY

WIND DIRECTION

					WIND DIR	ECTION					
TEAAP.	NNW	NNE	ENE & F	ESF & SE	55 E & 5	55W & 5W	wsw & w	WNW & NW	CALM	TOTAL	O OF
122 ·	8 N	& NE		9.31	<del>_</del> ,	2 3.14	• "	2 11 11		PREG.	10.4
117 10 121											
112 10 116	<del></del>										
107 10 111											
102 TO 106			<del>-</del>								
97 TO 101											
92 10 %											
87 10 91											
82 TO 86											
77 10 61						100.0				1	2.
72 10 76					66.7	33.3				*	• 1
67 10 71	10.0	5.D	15.0	10.0	20.0		10.0	10.0	20.0	20	, 5
62 TO 66	26.0	2.7	5.5	13.7	23.3	9.6	4.1	4.1	11.0	73	2.9
57 TO 61	15.0	5.6	5.0	23.8	22.5	2.5	6.9	6.3	12.5	160	6.5
52 TO 56	13.6	5.8	11.1	18.6	18.3	4.4	5.0	6.4	16.9	361	14.6
47 TO 51	19.4	3.0	6.3	16.6	17.0	2.8	3.8	11.1	20.0	495	20.0
42 TO 46	14.4	5.1	5.3	13.9	11.7	2.9	6.9	12.3	27.4	583	23.5
37 10 41	10.2	2.7	3.9	12.4	12.7	4.5	9.5	8.9	34.9	462	19.4
32 10 36	7.0	1.1	3.2	13.0	7.6	2.7	13.0	16.2	36.2	185	7.5
27 10 31	9.8		3.3	8.7	6.5	7.6	17.4	10.9	35.9	92	3.7
22 TO 26	4.2			8.3	16.7	16.7	8.3	4.2	41.7	24	1.0
17 10 21				<del>i</del>		100.0				1_	<u>.</u> n
12 10 16											
7 TC 11											
2 10 6											
-3 TO 1				<del></del>			-				
-8 10-4 -13 10 - 9											
- 18 TO '4,	<del></del>						+				
23 10 ~ 19											
- 28 10 - 24											
- 33 10-29		<del></del>									
38 1-0 - 34											
-43 13 - 37	· — —										
45 10 44											
- 5a 10-441					i						
(8 TO - 54							<del>-</del>				
59 8 LWR			t								
TOTALS	14.0	3.3	5.8	15.1	14.6	4.0	7.3	10.0	25.4	2487	100.0

NAVWEASERVCOM

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vs.

WIND DIRECTION

23117 LEMOGRE, CA JANUARY 1973-DECEMBER 1982 FEBRUAR

WIND DIRECTION

				'	HIND DIRE	CITON					
TEAAP.	NNW & N	NNF & NE	ENE & E	ESE & SE	55 E	55W & 5W	wsw 8 w	WNW 8 NW	CALM	TOTAL FREQ.	TOTAL
122 -											
117 10 121					1		1				
112 TO 116	-									1	
107 10 111											
102 TO 106									ĺ		
97 to 101	Ì										
92 10 %											
8/ 10 91											
82 TO 96 .			1								-
77 TQ 81		11.1	22.2		11.1		11.1		44.4	9	. 4
72 10 76	21.7	71.7	17.4	13.0	13.0				13.0	23	1.0
67 10 71	24 . C	8 • Q	8.0	14.7	10.7	8.0		5.3	21.3	75	3.3
62 TO 66	24.1	4.8	6.0	13.3	21.7	3.0	4 . 2	7.2	15.7	166	7.4
57 TO 61	25.2	6.2	8.8	14.1	15.7	5.2	1.6	7.2	16.0	306	13.6
52 TO 56	19.8	3.8	5.6	17.8	20.7	4.3	4.7	9.0	14.4	445	19.7
47 10 51	20.5	2.0	5.2	12.7	12.7	3.8	10.4	11.4	21.3	498	22.1
42 TO 46	10.1	1.8	4.1	9.3	11.9	7.3	17.6	15.5	22.3	386	17.1
37 TO 41	13.4	1.3	4.9	6.7	9.8	7.6	19.6	12.5	24.1	224	9.4
32 TO 36	7.4	1.9	2.8	7.4	9.3	11.1	16.7	5 . 6	38.0	109	4 . (
27 10 31	12.5				25.0	6.3	12.5	6.3	37.5	15	1
22 TO 26											
17 10 21											
12 TO 16											
7 10 11											
2 10 6				1					i		
-3 10 1											
810-4		<u> </u>									
-13 10 -9				· · · · · · · · · · · · · · · · · · ·							
-18 10-14											
23 10 - 19											
-28 TO-24											
-33 10-29											·
- 38 10 - 34											
- 43 tQ = 39								]			
- 45 TO - 44											
-53 10 - 47				<del></del> ;							
~58 TO ~54			[				I				
= 51.8.1WR							I				
TOTALS	15.1	3.5	5.8	12.4	14.8	5.5	9.7	10.2	20.2	2256	100.0

NAVWEASERVCOM

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VS. WIND DIRECTION

2311" LEMONIS, CA JANUARY 1973-DECEMBER 1992 MARCH

WIND DIRECTION TOTAL TEMP. & NW FREQ. & SE & SW 172 . 117 TO 121 112 10 116 102 TO 196 97 TO 101 92 10 96 87 TO 91 -u.0 50.0 82 10 86 19 22.2 16.7 5.6 16.7 11.1 27.8 77 10 81 13.8 13.8 8.6 4.4 5.9 15.4 5.2 6.9 29.3 12.1 15.3 K 4 72 10 76 2.2 36.8 9.6 5.9 8.8 11.5 136 67 10 71 62 TO 66 31.6 6.6 5.6 10.3 15.3 5.9 4.2 7.6 12.5 ZRR 410 35.6 5.4 6.0 14.6 9.3 97 10 61 5.1 4.6 5.1 12.2 477 4.8 12.3 14.0 12.9 52 10 56 23.8 4.4 4.5 6.5 9.6 12.0 47 10 51 22.7 1.7 3.0 3.8 4.7 22.1 16.5 467 19.7 7,6 42 10 46 . 6 4.8 5.1 4.5 16.0 23.9 18.0 356 37 TO 41 17.0 5.8 2.3 5.8 16.0 16.5 24.3 205 32 10 36 12.3 15.8 7.0 7.0 17.5 17.5 22.8 33.3 27 10 31 66.7 22 10 26 17 10 2 12 10 16 7 10 11 2 10 6 ~3 TO 1 - 8 10 - 4 13 10 -9 - 18 *0--14 23 TO -- 19 - 28 fO **- 24** - 33 10 - 29 - 38 TO - 34 40 70 - 39 15 70 = 44 -58 10 - 54 5.0 2483 100.0 4.0 11.7 9.3 16.2 14.6 TOTALS

NAVWEASERVCOM

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WIND DIRECTION

LEMBORE. CA

JANUARY 1973-DECEMBER 1982

APRIL

				,	VIND DIRE	CTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	55( & 5	\$\$₩ <b>8</b> .5₩	W5W 8 A	WNW & NW	CALM	TOTAL FREQ.	TOTAL
122 -											
117 10 121											
112 TO 116											
107 10 111											
102 TO 106											
97 10 101		66.7		<u>`</u>				33.3		7	1
92 10 96	25.0	25.0	25.0				25.C			4	• ?
87 10 91	42.9	23.8	9.5	4,9	4.8	4.8	9.5			21	• 9
82 TO 36	33.8	20.3	5.4	6.8	10.8	5.1	5.4	6.1	1.4	74	3.1
77 10 81	49.2	12.5	5.5	3.9	3.9	3.9	6.3	10.9	3.9	128	5.3
72 TO 76	54.7	9.4	8.3	2.1.	3.6	1.0	4.2	12.5	4.2	192	9.0
57 10 71	55.3	7.2	5.1.	2.5	3.4	5.5	6.3	9.7	5.1	237	9,9
62 TO 66	45.2	7.5	3.9	3.0	6.6	3.3	5.6	19.7	5.2	305	12.7
57 10 61	41.1	4.6	3.4	3.7	6.3	4.6	8.9	22.1	5.2	348	14.5
52 10 56	33.4	2.9	1.9	4.1	5.5	4.3	11.0	27.5	9.5	417	17.5
47 10 51	23.8	2.1	1.0	3.4	6.8	4.7	17.0	29.2	12.0	381	16.0
42 10 46	29.2	. 5	1.4	4.6	5.0	2.7	15.5	24.7	16.4	219	9.1
27 10 41	20.3			3.4	6.8	13.6	23.7	16.9	15.3	50	2.5
32 "0 36	12.5	i			12.5	12.5	50.0	12.5			. 3
27 10 31				<u> </u>							
22 10 26				<u> </u>							
11-10-21											
12 10 16		Ì									
7 TC 11			i								
2 17 6			i								
-1 to 1			I								
8 10 - 4	[										
. 13 to =9				i							
18 10=14				!							
23.1019											
- 28 TO - 24											
- 33 TO - 29						i					
-36 10 -54											
43 10- 39		I									
- 48 10 - 44											
-55 10 44											
55 TO - 54					1						
. 50 £ [ AR									1		
TOTALS	38.5	5.6	3.4	3.5	5.7	4.3	10.4	20.7	8.0	2000	100.0

VS.

200

WIND DIRECTION

110. LEMOCHE, CA JANUARY 1973-DECEMBER 1987

WIND DIRECTION NNW NNE ESE WSW WNW CALM TEMP. FREQ. TOTAL 122 -117 10 121 117 10 116 107 TO 111 37.5 37.5 12.5 102 TO 106 97 10 101 45.9 13.5 10.8 2.7 16.2 17 59.6 7.4 04 92 10 96 8.5 3.2 14.9 2.1 4.3 87 TO 91 63.5 11.5 3.4 1.4 3,4 4.7 10.1 2.0 143 6.0 10.8 •9 . 4 11.7 82 10 86 4.9 2.2 223 64.6 3.1 1.3 2.0 62.9 3.6 15.7 77 10 81 8.1 1.2 3.6 2.8 244 58.7 6.3 1.7 2.3 1.0 1.3 5.0 20.3 2.3 300 72 10 76 29.2 294 48,6 6.1 1.0 67 13 71 3.1 • 3 1.0 7.1 4.4 335 02 10 60 43.6 2.1 2.7 9 2.4 9.0 34.6 4.8 13.5 9 44.6 3,4 2.4 27.8 32.4 327 57 10 61 1.5 3.1 8.3 8 . D 45.2 291 52 10 56 2.1 3.2 2.1 1.5 8.9 3.6 47 10 51 35.1 2.3 4.6 9.9 33.6 8.4 131 5.3 6.1 26.7 42 10 46 2.2 6.7 4.4 11.1 22.2 26.7 37 TO 41 11.1 11.1 22.2 22.2 22.2 22 TO 36 27 10 31 22 10 26 17 10 21 12 10 16 7 10 11 2 10 6 -3 10 1 - 8 10 - 4 - 13 10 - 9 -18 TO --14 - 23 10 - 19 - 28 fo - 24 - 33 10 - 29 38 to -34 43 FU 39 45 7, 33 35 TO 54 2487 100.0 51.1 2.3 24.2 1.3 1.8 6.7 TOTALS

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NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.
WIND DIRECTION

JANUASY 1973-DECEMBER 1982

WIND DIRECTION

TEAP.	NNW & N	NNE B NE	ENE & E	ESE :	35E & 5	.v22 .w2.8	wsw & w	WNW & NW	CALM	TOTAL FREQ.	TOTAL
122 -											
112 10 121											
112 fQ 116											
197 10 111	20.0	40.0	13.3				13.3		13.3	15	. 6
102 TO 106	54.5	30.3	6.1	1.5	1.5		1.5	1.5	3.0	66	2.8
97 10 101	55.6	18.8	3.0	1.5	1.6	1.6	8	11.7	1.6	123	5.3
92 TO %	59.2	15.4	4.0	1.0	. 5	.5	1.5	14.9	3.0	201	9.4
87 10 91	52.2	10.6	2.4			. 6	5.3	17.5	1.2	246	10.3
82 10 36	58.5	8.1	3.1		. 4	2.3	4.2	25.4	2.7	260	10.8
77 TO 8	50.7	7.6	2.8		• 7	2.1	5.2	26.6	3.4	20:	12.1
72 TO 76	46.0	4.2	2.6	1.3	.6.	1.6	9.3	31.0	3.5	313	13.3
67 10 71	46.3	2.0	1.7	2.01	1.0	2.0	8.2	34.7	2.0	294	12.3
62 TJ 66	46.9	. 7	1.0	- 7	1.4	2.7	6.8	35.4	5.1	294	12.3
57 TO 61	45.4	3.2	2.2		1.1	2.2	12.4	32.0	2.7	1 à 5	7.7
52 10 56	49.3	1.1	2.2			2.2	4.5	36.3	5.6	89	3.7
47 10 51	42.1		<b>A.P.A.</b>				5.3	42.1	10.5	19	
42 10 46			+-						494		
12 TC 41											
32 TO 36											
21 TO 31											
22 10 26		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						-		
tit0_21											
12.70 (6)									1		
7 17 11											
2 10 6											
L-3 10 1											
- 8 :0 - 4					<del>-</del> -						
13 *3 - 9											
18 114		1			1						
23 10 19											
24 10 - 24	1										
-33 10 - 29						1					
38 fol-54											
45 Tur. 39			1								
45 T.1 34											
7 55 47											
74 10 Ga											
1.6108									1		
TOTALS	51.6	7,4	2.6	. 8		1.7	6.3	25.8	3.2	2800	100.0

WIND DIRECTION

11. LEMONUE. CA JANUARY 1973-DECEMBER 19

TAYUNA TALZ-DECEMBEN TABS

JUL

				٧	VIND DIRE	CTION					
TEMP.	NNV & N	NNE B NE	ENF & E	ESF & SE	55£ & 5	ssw & sw	wsw 8 w	WNW & NW	CALA	TOTAL FREQ.	- OF
122 .				- 370				2.111		1110.	1012
117 10 121				<del>+</del>	+	+					
112 70 116							<del></del>				
107 10 111	36.4	45.5	9.1						9.1	11	
+		19.5	10.2	1.7	1.7	1.7	5.1	11.0			4
102 TO 106	46.6	19.7	7.9	1.3	9			15.3	2.2	223	9.8
92 10 %	62.0		2.9	1.9	- 42	1.0	4.4			308	12.4
97 10 21			3.1	<u>187</u>	. 3	7	2.6	15.6 25.1	1.6	291	11.7
82 10 86	56.0	3.6	2.2		. 9		7.0	25.4	1.0 3.5	22 9	9.2
77 10 81		4.8		7		2.2		42.5		373	12.2
	40.3	2.0	1.D	•3					4.3	353	
72 10 76	35.4	1.7	<u> </u>	•6,	— <del>-</del>	2.8 1.9	8.2	46.7	4.0		14.2
	79.1	<u>•9</u> .			9		7.3	44.9 40.0	5.0 7.0	317 215	12.8 8.7
57 TO 61	34.9 39.0	<u>•5</u> ;			2.4	3.7	11.0		7.3	82	3.3
52 TC 56			+		- 5.2.7	301	16.0	36.6	4.0	25	1.5
47 10 51	36.0		<u>*•Q</u>				10.0	•0.0			- 10-
42 TO 46											
			<del> </del>	i-	+					~	
37 TO 36				<del></del>							
2° TC 31			+								l
12 10 26											
1 10 21				~	<del>-</del>						
12.10 16		+									
7 10 11											
2 10 6											
-3 70 1											
-810-4											
13 10 -9		+									-
- 18 10 - 14											
-27 10 - 19			-							***	
- 25 TO-24			†								
- 33 TO - 29		<del>-</del>									
-38 ro-34				i							
-43 TO - 39		·									
46 TO -44			-								
1-23 [042]	-		1								
-58 10 - 54											
. 50 A LWP											
TOTALS	45.6	6.5	2.4	•6	.7	1.7	6.9	31.8	3.6	2480	100.0

WIND DIRECTION

27110 LEMCOFE, CA

JANUARY 1973-DECEMBER 1982

AUCUS

WIND DIRECTION

				· · · · · · · · · · · · · · · · · · ·	WIND DIRE	CITON			<del></del>		
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	55E & 5	55W & 5W	W5W & W	WNW 8 NW	CALM	TOTAL FREQ.	- OF TOTAL
122 -				i i							
117 10 121											
112 10 116											
07 TO '11	62.5	25.0						12.5		9	.,
102 TO 106	47.5	16.4	16.4	1.6		3.3		9.8	4.9	61	2.5
7 TO 101	42.3	24.8	9.5	2.9	2.2		5.8	10.9	1.5	137	5.5
2 10 96	50.2	19.4	4.4	3.5	1.3	1.3	1.3	16.3	2.2	227	9.2
7 10 91	55.2	10.7	4.5	2.1	1.7	1.7	3.4	17.6	3.1	270	11.7
32 TO 86	51.8	7.3	1.3	_ 3	. 3	2.3	5.6	27.7	3.3	303	12.2
7 10 81	51.5	1.0	. 3	1.7	1.7	1.0	8.6	30.6	3.4	291	11.7
2 10 76	29.0	1.0	• 3	. 3	. 9	2.2	12.6	45.1	7.6	317	12.8
7 10 71	30.3	. 6	i	1.1	1.6	1.8	13.9	42.9	7.6	380	15.3
2 73 66	31.1	. 3	3	. 6	6	2.3	10.7	46.6	7.4	30.9	12.5
7 10 61	23.4	1.5			2.9	3.6	20.4	38.0	16.2	137	5.5
2 10 56	20.0					10.0	20.0	15.C	35.0	20	3
7 10 51											
12 TO 46											
7 10 41											
12 TO 36											
7 10 31											
2 10 26											
1/ 10 21											
2 10 16				i							
7 TO 11											
106											
-3 10 1											
810-4											
- 13 TO -9											
-18 10-14											
- 23 10 - 19											
- 28 TO - 24											
- 33 to - 29											
-38 to-34											
-43 TO - 39											
48 10-44											
-53 10-49											
58 10 - 54											
- 59 & LWP					<del></del>						
TOTALS	40.8	6.4	7.1	1.3	1.3	1.9	8.9	31.8	3.5	2480	100.0

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WIND DIRECTION

711C LEMUNT, CA JANUARY 1973-DECEMBER 1982 SEPTEMBER

				\	WIND DIR	ECTION					
TEMP.	NNW	NNE	ENE	tSt	556	ssw	wsw	WNW	CALM	TOTAL	°e OF
	8 N	8 NE	8 !	8.58	8.5	& SW	<u> </u>	8 NW		FREQ.	TOTAL
122 -				<del></del>							
117 10 121				+					·		
112 10 116		~									
107 10 111			+								
102 TO 106	44.4	5.6	38.9	11.1						1 A	
97 TO 101	43.7	24.1	11.5	2.3	4.6			10.3	3.9	<u>£7</u>	3.6
92 10 96	54.8	17.1	11.0	2.7	1.4	. 7	4.1	_5.5	2.7	146	6.1
87 TO 41	51.8	12.6	3.7	4.2	1.6	2.1	2.6	14.1	7.3	191	8.0
82 10 86	49.8	9,4	6.5	2.1	1.7	2.6	4.7	18.7	4.3	235	9.8
77 10 81	46.2	7.2	4.8	2.8	1.4	1.7	5.2	22,8	7.9	293	12.1
72 10 76	32.9	3.1	2.5	1.8	2.5	2.8	10.5	34.5	9.5	325	13.5
10 71	26.4	3.5	2.7	2.4	1,9	3.5	14.7	32.6	12.2	36*	15.3
62 TO 66	25.3	- 9	. 8	1.1	3.3	4.9	15.0	38 . 4	15.4	367	15.3
57 10 51	18.9	1.2	1.6	2.0	2.0	4.3	20.1	36.1	14.1	249	10.4
52 TO 56	17.0		1.1	2.1	6.4	7.4	21.3	22.3	22.3	94	3.9
47 10 51	14.8	3.7			7.4	18.5	14.8	18.5	22.2	27	1.1
42 10 46									100.0		• 1
37 1G 41											
32 10 36											
27 10 31											
22 10 26											
12 10 21											
12 10 16									L		
7 10 11											
2 10 6											
-3 to 1											
-810-4											
-13 10 -9											
-18 TO-14											
- 23 TO - 19											
-28 TO-24											
- 33 10-29											
-38 TO -34									ļ		
-43 10 - 39				}					<b> </b>		
48 10 - 44									ļ		
- 53 10 - 44									<b> </b>		
-58 TO-54									<b> </b>		
- 50 8 LWR											4 - 4 -
TOTALS	35.0	6.0	4.0	2.3	2.4	3.3	10.6	26.8	9.7	Z900	100.0

NAVWEASERVCOM

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WIND DIRECTION

27110 LEMODDE, CA JANUARY 1973-DECEMBER 1982 CCTOBER

WIND DIRECTION TOTAL 122 • 117 10 121 112 TO 116 107 10 111 102 TO 106 97 10 101 11.1 33.3 11.1 11.1 92 10 96 26.5 32.4 17.6 5.9 11.5 5.9 34 1.4 87 TC 91 32.9 22.4 14.5 7.9 1.3 2.6 3.9 13.2 76 3.1 1.3 82 10 86 12.5 152 37.5 12.5 11.8 8.6 3.9 1.3 1.1 8.6 27 10 81 15.6 2.2 11.5 20.4 186 31.7 6.5 3.8 9.6 3.2 7.5 10.4 37.1 7.3 19.7 259 10.4 72 10 76 3.0 5.9 2.1 3.5 13.9 67 10 71 36.1 7.3 5.6 4.0 4.3 4.3 7.9 18.5 11.9 302 3.3 16.8 14.6 70.3 2.8 2.5 3.3 11.0 23.4 363 62 10 66 5.6 373 57 10 61 21.4 1.3 2.7 16.9 24.9 21.4 15.0 1.6 4.8 4.8 52 70 56 17.2 -3 1.7 5.5 4.7 4.4 19.8 21.5 24.7 345 13.9 27.2 22.6 26.0 235 9.5 47 10 51 10.6 2.0 5.1 5.1 7.0 42 10 46 6.1 10.5 19.3 21.1 32.5 114 4.6 37 TO 41 3.2 16.1 9.7 29.0 6.5 35.5 31 1.3 32 10 36 50.0 50.0 27 10 31 22 10 26 1/ 10 21 12 10 16 7.10 11 2 10 6 ~3 TO 1 - B TO- 4 - 13 10 - 9 -18 TO-14 -23 10 -19 -33 10 - 29 -38 TO-34 -43 TO - 39 48 10 - 44 -53 10 - 49 - 58 TO - 54 4.D 5.D 4.0 12.6 18.9 19.3

NAVWEASERVCOM

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WIND DIRECTION

Z7110 LEMOORE, CA JANUARY 1973-DECEMBER 1982 NOVEMBE

					WIND DIRE	CTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	55E & 5	55 W & 5 W	wsw 8 w	WNW & NW	CALM	TOTAL FREQ.	°- OF
122 •											_
117 TG 121						I					
112 TO 116									<u> </u>		
107 TO 111											
102 TO 106									I I		
97 to 101											
92 10 96					I						
87 TO 91											
82 70 86									100.0	3	•
77 TO 81	20.5	15.4	23.1	5.1	5.1	2.6	2.6	7.7	17.9	39	1.0
72 10 76	26.1	10.1	7.2	13.0	13.0	4.3	2.9	7.2	15.9	69	2.4
67 10 71	24.1	16.1	13.9	9.5	9.5	3.6	.7	6.6	19.0	137	5.
62 TO 66	30.5	8.5	7.2	5.9	10.2	3.4	3.8	8 . 5	22.0	236	9.1
57 TO 61	24.3	7.1	6.2	11.7	9.8	2.2	6.8	12.3	19.7	325	13.5
52 TO 56	19.7	3.9	6.1	10.4	9.2	3.6	7.3	15.5	24.3	412	17.
47 TO 51	16.5	2.8	6.2	11.2	8.3	4.1	11.2	14.2	25.5	436	18.
42 10 46	11.0	2.6	1.7	7.8	5.8	4.3	15.0	16.2	35.5	346	14.4
37 TO 41	6.5	. 8	1.2	5.8	7.7	4.6	15.0	13.1	45.4	260	10.
32 TO 36	7.4			4.2	6.3	5.3	13.7	7.4	55.6	95	4 . 5
2° 10 31	2.6		1	7.7	7,7	7.7	15.4	12.8	46.2	39	1.6
22 to 26		· · · · · · · · · · · · · · · · · · ·				33.3			66.7	*	•
1/ 10 21 ]											
12 10 16		1									
7 10 11											
2 10 6											
-3 10 1											
-810-4											
- 13 to - º					I						
- 18 TO -14	1										
- 23 TO - 19											
-26 TO-24											
- 33 10 - 29											
~38 TO -34											
-43 tQ - 39											
45 10 -44											
		[									
58 TO-54										* ***	
-50 8 LWR									<u>                                     </u>		
TOTALS	17.8	4.9	5.3	9.0	8.5	3.9	9.3	12.7	28.7	2400	100.0

NAVWEASERVCOM

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VS.
WIND DIRECTION

Z7110 LEMOCRE, CA JANUARY 1973-DECEMBER 1982 DECEMBE

TEMP.	NNW	NNE	ENE	ESE	55 E	ssw	wsw	www	CALM	TOTAL	° 0F
	8 N	& NE	& E	& SE	8.5	8 SW	6 W	8 NW	<del>                                     </del>	FREQ.	TOTAL
122 -			<del>-</del>	<del></del>					<del></del>		
117 10 121									<del> </del>		
+									<del>                                     </del>		
107 10 111		<del></del>		+					<del> </del>		
7 TO 101	<del>-</del>								<del> </del>		
				+					<del> </del>		
92 TO 96 87 TO 91				+					<del> </del>		
82 10 86				+							
77 10 81											
72 10 76				56.7		33.3				7	•
77 10 78	13.0	10.0	20.0	10.0	10.0				40.0	10	
2 10 66	20.0	5.C	3.3	18.3	20.0	5.0	1.7	8.3	18.3	60	2.
57 TO 61	21.6	5.0	10.1	15.1	12.6	2.0	4.0	3.5	26.1	199	8.
32 TO 56	20.9	7.1	7.9	10.5	11.6	2.9	2.4	10.8	17.7	378	15.
17 10 51	16.7	9.3	6.0	18.0	13.3	3.2	3.0	11.3	24.2	967	18.
42 TO 46	12.5	2.7	5.8	17.4	13.4	3.7	6.2	12.0	31.3	566	22.
7 10 41	7.0	1.4	9.2	10.2	10.9	5.6	11.1	11.6	37.8	431	17.
32 TO 36	4.2	. 8	3.4	9.3	7.2	4.7	17.4	6.4	46.6	236	9.
27 10 31	4.5	. 9	3.6	8.2	9.1	7.5	12.7	4.5	49.1	110	4.
22 70 26				6.3	18.8	6.3		12.5	56.3	16	
17 TO 21									100.0	1	
12 10 16											
7 70 11											
2 10 6											
-3 TO 1											
-8 TO-4											
- 13 TO9											
-18 7314				^							
-23 10-19											
-28 TO-24											
-33 TO - 29											
-38 TO-34											
-43 10-39					[						
48 10 - 44											
-53 TO -49											
-58 10 - 54											
-59 & LWP								·			
TOTALS	13.3	3.4	5.9	13.9	12.0	4.0	6.9	10.0	30.7	2477	100-

VS.
WIND DIRECTION

FMCOVE . CA

JANUARY 1973-DECEMBER 1982

					WIND DIR	ECTION					
TEMP.	NNV B N	NNE & NE	ENE & E	ESE B. SE	\$\$ f & \$	w22 w2.8	wsw & w	WNW 8 NW	CALM	TOTAL FREQ.	TOTAL
122 •											
117 10 121											
112 10 116											
107 (0:11	35.3	38.2	8.8				5.9	2.9	F.A	34	1
102 TO 106	48.3	21.0	12.2	2.2	1.5	1.5	2.6	7.7	3.3	271	. 9
97 10 101	47.3	21.3	8.1	1.9	1.9	5	3.5	13.0	2.5	6.30	2.2
2 10 96	56.2	15.3	5.7	2.5	. 8	1.0	2.5	13.9	2.2	1014	3.5
87 TO 91	55.7	11.5	4.2	2.0	, 9	1.7	4.0	16.5	3.3	1263	4 . 3
B2 TO 86	52.4	9.1	4.5	1.9	1.6	2.5	4.7	19.2	4.1	1980	5.1
77 70 81	46.8	6.9	3.8	1.6	2.1	1.8	6.0	24.3	6.5	1803	6.2
72 10 76	40.0	5.3	3.4	2.7	2.5	2.2	7.8	29.3	6.8	2215	7.6
57 70 71	37.3	4.9	3.3	2.8	3.5	2.9	8.8	27.9	8.6	2570	8.6
62 10 66	34.2	3.3	3.0	3.8	6.7	3.7	8.4	26.5	10.5	3011	10.3
57 10 61	30.1	4.1	4.1	6.9	8.5	3.7	9.6	20.0	13.1	3101	10.6
52 TO 56	24.2	3.6	4,9	10.9	10.7	4.0	8.4	17.7	15.6	3347	11.5
47 10 51	19.9	2.4	4.1	10.8	10.5	4.1	13.7	17.5	20.0	3158	10.8
42 10 46	14.7	2.4	4.1	9.4	9.9	4.5	12.0	16.4	26.7	2618	9.0
37 1C 41	10.3	1.8	3.3	8.8	10.5	5.9	13.7	12.3	33.8	1702	5.8
32 10 36	6.9	. 9	2.5	9.0	7.5	6.4	16.1	10.4	40.4	691	2.4
27 10 31	6.5	. 4	2.7	7.7	9.2	7.3	14.6	8.1	43.5	260	. 9
22 10 26	2.3		i	7.0	16.3	14.0	4,7	7.0	46.8	43	1
1/ 10 21						50.0			50.0	2	
12 10 16											
/ 10 1)											
2 10 6											
-3 10 1											
-810-4											
- 13 10 - 9											
-18 1014											
-23 TO -19											
- 28 10 - 24											
- 33 TO - 29											
- 38 TO 34											
-43 10-39											
. 18,70-14					[						
-53 10-44											
-58 TO -54											
- 59 8 LWR											
TOTALS	31.5	5.2	4 - 1	6.1	6.6	3.5	8.7	20.0	14.4	29213	100.0

NOCD, Federal Building Asheville, N. C.

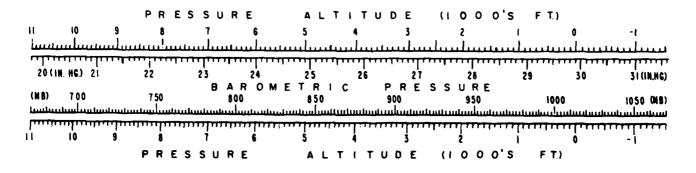
### PART F

### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23110 LE

LEMOORE, CA

73-82

STATION			\$	TATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1019.7	1019.4	1016.5	1016.3	1012.7	1011.7	1011.4	1011.5	1012.0	1015.7	1019.1	1020.9	1015
71	\$. D.	5.542	5.443	5.090	3.582	3.126	3.027	2.508	2.522	2.746	3.299	4.851	4.878	5.31
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
		L								L		<u> </u>		
	MEAN	1019.6	1019.0	1016.1	1016.1	1012.9	1012.0	1011.7	1011.7	1012.0	1015.6	1018.9	1020.2	1015
نه ڏِ.	\$. D.	5.504	5.350	5.145	3.536	3.111	3.021	2.534	2.551	2.712	3.314	4.876	4.642	5.2
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	36
							L				<u></u>	L		
	MEAN	1020.1	1019.6	1017.0	1017.2	1014.1	1013.3	1012.9	1012.9	1013.2	1016.6	1619.7	1021.3	1016
7.7	\$. D.	5.575	5.697	5.225	3.556	3.121	3.084	2,562	2.650	2.733	3.379	4.973	4.870	5.0
	TOTAL OBS	310	252	310	300	310	300	310	310	300	310	300	310	36
			L						<u> </u>	<b></b>		<u> </u>		
	MEAN	1021.3	1020.7	1017.8	1017.6	1014.2	1013.4	1013.1	1013.3	1013.7	1017.3	1020.6	1022.4	1017
10	S. D.	5.459	5.642	5.163	3.551	3.156	3.072	2.552	2.641	2.699	3.347	4.976	4.686	5.2
	TOTAL OBS	310	282	310	300	310	300	310	313	300	310	300	310	36
				L			L	<u> </u>		L				
	MEAN	1019.4	1019.1	1016.5	1016.2	1012.8	1012.1	1011.8	1011.0	1012.0	1015.4	1018.6	1020.4	1015
17	S. D.	5.313	5.390	4.939	3.552	3.109	3.023	2.561	2.651	2.649	3.323	4.900	4.857	5.0
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	36
					L			L		L				
!	MEAN	1018.7	1018.0	1015.2	1014.7	1011.2	1010.5	1010.1	1010.0	1010.4	1014.Z	1017.4	1019.7	101
1.5	S. D.	5.312	5.340	4.798	3.565	3.110	3.000	2.535	2.623	2.686	3.366	4.878	4.867	5.3
i	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	36
			Ĺ		L		L	I				L	L	
	MEAN	1019.3	1018.5	1015.5	1014.7	1011.2	1010.1	1009.9	1010.0	1010.7	1014.6	1018.4	1020.4	1014
10	S. D.	5.424	5.409	4.757	3.524	3.104	2.921	2.497	2.565	2.657	3.386	4.897	4.845	5.5
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	36
			<u> </u>		<u></u>				L			<u> </u>		
	MEAN	1020.0	1019.2	1016.5	1014.0	1012.4	1011.4	1011.2	1011.2	1011.8	1015.7	1019.2	1021.0	1015
2 <i>2</i>	\$. D.	5.440	5.584	4.880	3.554	3.102	2.91	2.463	2.566	2.620	3.389	4.961	4.855	5.3
	TOTAL OBS	319												36
ALL	MEAN	1019.	1019.2	1016.4	1016.1	1012.7	1011.9	1011.5	1011.4	1012.0	1015.1	1019.0	1020.9	1015
HOURS	S. D.	5.478	5.554	5.054	3.677	3.281	3.180	2.743	2.421	2.481	3.464	4,972	4.713	5.3
	TOTAL OBS	2480	2256	2480	2400	2980	2400	2460	2980	2900	2980	2400	2977	292

## **MEANS AND STANDARD DEVIATIONS**

STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

27110

LEMOOPE, CA

73-82

YEAT

STATION			5	TATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ANNUAL
	MEAN	29.856	29.848	29.764	29.758	29.657	29.630	29.619	29.623	29.636	29.745	29.841	29.891	29.738
Ci	S. D.	.162	.160	-150	.105	.093	.090	.075	.075	.080	.096	.143	.143	. 154
	TOTAL OBS	310	262	310	300	310	300	310	310	300	310	300	310	3652
										ļ <u>.</u>		<u> </u>		
	MEAN	29.852	29.837	29.751	29.753								29.889	29.737
, u	S. D.	.161	.164	-151	.104	.092	.090	.075				.144	.142	•151
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.866	29.855	29.779	70.785	29.497	29.475	79.464	79.445	29.472	29.770	29.857	29.903	29.755
·3 7	S. D.	.160											r w	.147
	TOTAL OBS	310				1							1	3652
								<u> </u>					1	
	MEAN	24.904	29.885	29.803	29.798	29.701	29.679	29.672	29.675	29.68	29.791	29. 184	29.936	29.784
1.3	S. D.	.159	. 165	-152	.103	.093	.091	.075	.078	.090	.098	.147	.143	.153
	TOTAL OBS	310	282	310	300	310	300	112	310	300	310	300	310	3652
		<u> </u>		L										
	MEAN	29.847	29.841	29.765	29.758								29.877	29.737
1 3	\$. D.	.156	. 150	-146	.104	.093	.090	.076	.079	.079	.097	.145	-142	.148
	TOTAL OBS	310	282	110	300	310	300	310	310	300	310	300	310	3652
	MEAN													20 422
		,				1		1	1-	1			29.857	29.698
1/4	S. D.	.156											1	.155
	TOTAL OBS	310	282	310	300	310	300	310	310	100	310	300	309	3651
	MEAN	29.844	29.820	29.735	29.713	29.611	29.560	29.576	29.577	29.597	29.716	29.818	29.874	29.705
1.7	S. D.	.154	. 154	-140	.103	.071	.047	.074	.077	.078	.099	.100	-142	.160
	TOTAL OBS	310	282			310	300	310	310	300	310	300	309	3651
	MEAN	70 045	30 000	30 344	20 250	30 483	20 424	20 414	20 418	20 4 7 7	24 758	30 00 1	29.893	29.736
	S. D.													155
5.2	TOTAL OBS	.159								7				3651
ALL	MEAN	29.857	29.842	29.761			29.634	29.624	29.625			29.830	27.890	29.730
HOURS	\$. D.	.160	. 163	.149	.107	.097	.094	.081	.084	.085	.101	.147	.144	.155
	TOTAL OBS	2880	2254	2940			2400	2480	2480	2900	2940	2900	_2977	29213

# END DATE FILMED 7

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